Dr. Sahar Salehi-Müller

1) General Info

Department of Biomaterials, University of Bayreuth (UBT)
Prof.-Rüdiger-Bormann Straße 1, 95447 Bayreuth
Tel.: +49 921 55 6727
Email: Sahar.Salehi@uni-bayreuth.de
https://www.salehilab.uni-bayreuth.de/en/index.html
http://www.fiberlab.de, http://trr225biofab.de/
https://scholar.google.de/citations?user=Xd6aUKoAAAAJ&hl=en

2) Academic Education

2018 - present	Habilitation (Dissertation is submitted and is under review) Department of Biomaterials, UBT Mentors: Prof. Thomas Scheibel, Prof. Ruth Freitag, and Prof. Leonid Ionov Mid-Evaluation: April 2021, Positively evaluated.
2009 - 2013	Ph.D. Biomaterials Department of Materials Science, Isfahan University of Technology, Iran Oral Exam: Aug. 2013; Mentor: Prof. M.H. Fathi
2006 - 2009	M.Sc. Materials Science and Engineering (Materials Characterization and selection) Department of Materials Science, Isfahan University of Technology, Iran
2002 - 2006	B.Sc. Materials Science and Engineering (Industrial metallurgy) Department of Materials Science, Isfahan University of Technology, Iran

3) Employment

Since 04/2017	Leader of the research group “Biomaterials for Tissue Regeneration” Department of Biomaterials, UBT
2014 - 03/2017	Postdoctoral Associate, WPI-Advanced Institute for Materials Research (AIMR), Tohoku University, Sendai, Japan, Research group of Prof. Ali Khademhosseini
2013 - 2014	Postdoctoral Associate, Department of Ophthalmology, University Hospital of Düsseldorf and German Textile Research Institute North-West (DTNW), Krefeld, Germany, Research group of Prof. Dr. Med. Thomas A. Fuchsluger
2012 - 2013	DAAD Fellow, Institute of Anatomy, University Hospital of Essen, Research group of Prof. Dr. Med. Thomas A. Fuchsluger
2012 - 2013	Research Assistant, German Textile Research Institute North-West (DTNW), Krefeld, Germany, Research group of Prof. Jochen S. Gutmann

4) Academic Engagement and membership

Since 2023	Member of Equality board, CRC/SFB-TRR225
April 2023	Girls’Day Coordinator at the Department of Biomaterials; UBT
Oct. 2022	Member of Bayreuth Graduate School of Mathematics and Natural Sciences
Sep. 2022	Organisation of Symposium, “Biomaterials for various applications”, Materials Science Engineering MSE Congress, Darmstadt, Germany
Since 2021	Member of 7 recruiting committees in the function of women representative, Faculty of Engineering, UBT
Since 2020	Women's representative, Faculty of Engineering, UBT
Since 2019	Mentor Online-Mentoring-Programm CyberMentor for schoolgirls
Since 2019	Member of TERMIS (Tissue Engineering International & Regenerative Medicine Society)
May 2019	Co-Chair of the session, TERMIS
Since 2019	Member of the ACS (American Chemical Society)
Since 2018	Member of the DGM (German Materials Society)
Since 2018	Member of the Elite study program Macromolecular Science, UBT
Since 2018	Member of the Bayreuth-Melbourne Colloid/Polymer Network, UBT
Since 2017	Coordinator of internal graduate seminars, Department of Biomaterials, UBT
Since 2017	Member of the Interview Committee of the international Master study program „Biofabrication“ Faculty of Engineering, UBT
Since 2021	Expert Reviewer of funding agencies worldwide such as the Swiss National Science Foundation, Agency for Education and Internationalisation (OeAD, Austria), New Frontiers in Research Fund (NFRF, Canada), Dutch Research Council (NWO, Netherlands), National Science Center (Poland).

Sep. 2023

Since 2014	Reviewer of scientific journals such as *Advanced Materials; Advanced Functional Materials; Advanced Science; Science Translational Medicine; Biomaterials; Small; Biofabrication; Advanced Healthcare Materials; Acta Biomaterialia; Bioactive Materials; Advance Materials Technologies; Scientific Reports; ACS Applied Materials & Interfaces; Advanced Optical Materials;* etc.

Prize and Awards

2022	Sicca- Research Promotion Award, Association of German Ophthalmologists
2019	IC Prize 2019; International Club, UBT
2019	Travel Grant (TERMIS)
2019	Travel Grant (ESB)
2018	Nomination, Junges Kolleg Bayerische Akademie der Wissenschaften
2016	Travel Grant (EMBS)
2016	Travel Grant (E-MRS)
2015	Travel Grant (MRS)
2015	Falling Walls Lab, Sendai, and Finalist of Falling Walls Lab Berlin.
2013	Sicca- Research Promotion Award, Association of German Ophthalmologists
2014	Cover Picture of journal of Klinische Monatsblätter für Augenheilkunde.
2014	Highlighted research, Textile research of Germany (www.textileforschung.de).
2014	Hot topic abstract, Association for Research in Vision and Ophthalmology (ARVO)
2011 - 2012	DAAD Scholarship, Institute of Anatomy, University Hospital of Essen, Host: Prof. Süleyman Ergün
2011 - 2012	National sabbatical leave fellowship, Iranian Ministry of Science and Education, Iran
2006	Poster prize, Iranian Metallurgical Engineers Society Annual Congress

5) Funded projects

Funding Agency	Topic	Duration
DFG, SFB/TRR225, **First** funding period	Simultaneous printing of Biofabricates and custom-sized bioreactors	2018-2021
DFG, SFB/TRR225, **Second** funding period	Printing of fabricated and customized bioreactors for skeletal muscle tissue	2022-present
DFG, SA 3575/1-1	New tool for fabrication of microtissues with an anisotropic fibrous structure based on touch-spinning and 3D printing	2018-present
DFG, SA 3575/2-1	An In Vitro Model for Tissue Engineering of Diaphragm	2023-present
DAAD, Personal Exchange Program	Toward 3D modeling of brain-barriers	2021-2022

6) Teaching

Since June 2023	Course Nr. 00632, How to write a paper, Summer semester
April 2023	ETH Distinguished Lecture in "Engineering with Living Materials", a cycle of lectures hosted by Prof. Katzschmann, and Prof. Muller in ETH).
Feb. 2021	Lecturer at first Massive Open Online Courses (MOOC) in the field of Biofabrication at UBT
Jan. 2021	Guest Lecturer, Biofabrication module, Material science master program, Friedrich-Alexander-University Erlangen-Nürnberg (FAU)
Since July 2018	Course Nr., 00994, Summer Academy, Biofabrication Master Program, UBT
Since Oct. 2018	Course Nr., 00399, and 00407 for lecture and practical course, Fundamentals in cell biology, Winter Semester, Faculty of Engineering, Department of Biomaterials
Since April 2018	Course Nr., 00493, and 00629 for lecture and seminar, Bioengineering for tissue regeneration, Summer Semester, Faculty of Engineering, Department of Biomaterials
Since March 2018	Lecturer at **Elite study program** “Macromolecular Science”, UBT
Sep. 2018	Lecturer at Summer school Biofabrication, TRR 225-SFB
Feb. 2018	Practical course supervisor, Biomaterials, Cell cultures, Department of Biomaterials, UBT (M.Sc)

Jan. 2018	Guest lecturer in 6th TERMIS/ Expert tissues Winter school, Mechanobiology in Musculoskeletal Tissue Regeneration- in vitro/in vivo preclinical models and imaging, Salzburg, Austria
Oct. 2017	Seminar supervisor, Self-assembling polymers, M.Sc. Biofabrication. UBT
Oct. 2017	Seminar supervisor, Biomaterials, M.Sc. Materials Engineering and Biochemistry; UBT
July. 2017	Practical course supervisor, Self-Assembly Polymers, Nucleotide modification, Analytical methods for life science students, Department of Biomaterials, UBT
May. 2017-	Seminar supervisor, Bioengineering for tissue regeneration, M.Sc. Biofabrication. UBT (summer semester 2017)

7) Complete list of Publications (The corresponding author is underlined, and the mentioned IF is at the time of publication).

[J1] Research paper: Schulik J., **Salehi S.,** Boccaccini A.R., Schrüfer S., Schubert D.W., Arkudas A., Kengelbach-Weigand A., Horch R.E., Schmid R. Comparison of the behavior of 3D-printed endothelial cells in different bioinks, Bioengineering, 2023, 10, 751. (IF 5.1)
[J2] Research paper: Vaghela R., Arkudas A., Gage D., Körner C., Von Hörsten S., **Salehi S.,** Horch R.E., Hessenauer M., A novel window into angiogenesis - intravital microscopy in the AV-Loop-model, Cells, 2023, 12, 261(IF 7.6)
[J3] Research paper: Khadem E., Khraziha M., **Salehi S.,** Colorimetric pH-responsive and hemostatic hydrogel-based bioadhesives containing functionalized silver nanoparticles, Materials Today Bio, 2023, 20, 100650 (IF 10.76)
[J4] Research paper: Gruhn T., Ortiz-Monsalve C., Müller C., Heid S., Boccaccini A.R., **Salehi S.,** Fabrication of hydrogel-based composite fibers and computer simulation of the filler dynamics in the composite flow, Bioengineering, 2023, 10(4), 448. (IF 5.1)
[J5] Research paper: Gruhn T., Ortiz-Monsalve C., **Salehi S.,** Structure formation of rod-like fillers in a contraction flow, Physics of Fluids, 2023, 35, 043107 (IF 4.98)
[J6] Research paper: Shetty, S., Murugesan, S., **Salehi, S.,** Pellert, A., Scheibel, M., Scheibel, T., Anandhan, S. Evaluation of piezoelectric behavior and biocompatibility of PVDF ultrafine fibers with incorporated talc nanosheets, S., J. Appl. Polym. Sci. 2022, 139(29), e52631. (IF 3.125)
[J7] Research paper: Vaghela R., Arkudas A., Gage D., Körner C., Hörsten S. V, **Salehi S.,** Horch R. E., Hessenauer M., Microvascular Development in the Rat Arteriovenous Loop Model in vivo – a step by step intravital microscopy analysis, J Biomed Mater Res. 2022; 110(9): 1551- 1563 (IF 4.85)
[J8] Research paper: Manuel Uribe J., Schönfeld D., Fernando Posada A., Roland M., Caspari A., Synytska A., **Salehi S.,** Pretsch T., Ionov L., Fibrous scaffolds for Muscle Tissue Engineering Based on Touch-spun Poly(ester-urethane) Elastomer, Macromol. Biosci. 2022, 2100427 (IF 4.97)
[J9] Review paper: Apsite I. #, **Salehi S. #,** Ionov L., Smart materials for soft actuator. Chem. Rev. 2022, 122, 1349−1415 **(#co-first author)** (IF 60.62)
[J10] Research paper: Koeck K. #, **Salehi S. #,** Humenik M., Scheibel T., Processing of Continuous Non-Crosslinked Collagen Fibers for Microtissue Formation at the Tendon-Muscle Interface. Adv. Funct. Mater. 2022, 32, 2112238. **(#co-first author)** (IF 18.8)
[J11] Research paper: Heltmann-Meyer S., Steiner D., Müller C., Schneidereit D., Friedrich O., **Salehi S.,** Engel F. B., Arkudas A., Horch R. E., Gelatin methacryloyl is a slow degrading material allowing vascularization and long-term use in vivo, Biomed. Mater. 2021, 16 065004 (IF 3.7)
[J12] Research paper: Pereira A.R, Lipphaus A., Ergin M., **Salehi S.,** Gehweiler D., Rudert M., Hansmann J., Herrmann M., Modeling of the human bone environment: mechanical stimuli guide mesenchymal stem cells-extracellular matrix interactions, Materials 2021, 14(16), 4431. (IF 3.6)
[J13] Research paper: Manuel Uribe J., Fernando Posada A., Shukla A., Alkhamis H., **Salehi S.** Ionov L. Soft elastic fibrous scaffolds for muscle tissue engineering by touch spinning, ACS Appl. Bio Mater. 2021, 4, 7, 5585–5597 (IF 3.25)
[J14] Research paper: Hessenauer M., Vaghela R., Körner C., Hörsten S. V., Pobel C., Gage D., Müller C., **Salehi S.,** Horch R. E., Arkudas A., Watching the vessels grow – establishment of intravital microscopy in the AV-loop rat model, Tissue Engineering Part C: Methods 2021, 27:6, 357-365 (IF 3.056)
[J15] Research paper: Krauss G., Meichsner F., Hochgesang A., Mohanraj J., **Salehi S.,** Schmode P., Thelakkat M., Polydiketopyrrolopyrroles Carrying Ethylene Glycol Substituents as Efficient Mixed-Ion Conductors for Biocompatible Organic Electrochemical Transistors, Adv. Funct. Mater. 2021, 2010048 (IF 18.8)
[J16] Review paper: Vogt L., Ruther F., **Salehi S.**, Boccaccini A. R, Poly (glycerol sebacate) in biomedical applications-A review of the recent literature, Advanced Healthcare Materials 2021, 2002026. (IF 9.93)

[J17] Research paper: Manuel Uribe J., Fernando Posada A., Shukla A., Ergin M., Constante G., Apsite I., Dulle M., Schwarzer M., Caspari A., Synytska A., **Salehi S.,** Ionov L., Shape-morphing fibrous hydrogel/elastomer bilayers fabricated by a combination of 3D printing and melt electrowriting for muscle tissue regeneration, ACS Appl. Bio Mater. 2021, 4, 2, 1720–1730 (IF 3.25)
[J18] Research paper: Farasatkia A., Kharaziha M., Ashrafizade F., **Salehi S.,** Silk fibril (SNF)/ gelatin methacrylate (GelMA) hybrid films with high transparency as a corneal substitute, Materials Science and Engineering C 2021, 120, 111744. (IF 7.328)
[J19] Research paper: Constante G., Apsite I., Alkhamis H., Dulle M., Schwarzer M., Caspari A., Synytska A., **Salehi S.,** Ionov L., 4D biofabrication using a combination of 3D printing and melt-electrowriting of shape-morphing polymers, ACS Appl. Mater. Interfaces 2021, 13, 11, 12767–12776 (IF 9.229)
[J20] Review paper: Müller C., Trujillo-Miranda M., Maier M., Heath D. E, O'Connor A., **Salehi S.**, Effects of External Stimulators on Engineered Skeletal Muscle Tissue Maturation, Adv. Mater. Interfaces 2021, 8, 2001167. (IF 6.147)
[J21] Research paper: Gensler M., Leikeim A., Möllmann M., Komma M., Heid S., Müller C., Boccaccini A. R., **Salehi S.,** Groeber-Becker F., Hansmann J., 3D printing of bioreactors in tissue engineering: A generalized approach, PLOS ONE 2020, 15(11): e0242615. (IF 2.87)
[J22] Research paper: I. Apsite, Constante G., Dulle M., Vogt L., Caspari A., Boccaccini A. R., Synytska A., **Salehi S.,** Ionov L., 4D Biofabrication of fibrous artificial nerve graft for neuron regeneration, Biofabrication 2020, 12 035027. (IF 7.42)
[J23] Review paper: **Salehi S.,** Koeck K., Scheibel T., Spider silk for tissue engineering applications, Molecules 2020, 25(3), 737. (IF 3.01)
[J24] Research paper: Rajabi N., Kharaziha M., Emadi R., Zarrabi A., Mokhtari H., **Salehi S.,** An adhesive and injectable nanocomposite hydrogel of thiolated gelatin/gelatin methacrylate/Laponite® as a potential surgical sealant, Journal of Colloid and Interface Science 2020, 564, 155-169. (IF 6.49)
[J25] Research paper: Russell C.S., Mostafavi A., Quint J. P., Panayi A., Udeh K., Williams T. J., Daubendiek J. G., Hugo Sánchez V., Bonick Z., Trujillo-Miranda M., Ryon Shin S., Pourquie O., Salehi S., Sinha I., Tamayol A., In Situ Printing of Adhesive Hydrogel Scaffolds for the Treatment of Skeletal Muscle Injuries, ACS Appl. Biomater. 2020, 3, 3, 1568-1579. (IF 3.25)
[J26] Research paper: Aigner T. B., Haynl C., **Salehi S.,** O'Connor A. J., Scheibel T., Nerve guidance conduit design based on self-rolling tubes, Materials Today Bio 2020, 5, 100042. (No IF in 2020)
[J27] Research paper: Apsite I., Manuel Uribe J., Fernando Posada A., Rosenfeldt S., **Salehi S.,** Ionov L., 4D biofabrication of skeletal muscle microtissues, Biofabrication 2020, 12, 015016. (IF 7.42)
[J28] Review paper: Mohamed M. A., Fallahi A., El-sokkary A. M. A., **Salehi S.,** Akl, A. Jafari M. A., Tamayol A., Fenniri H., Khademhosseini A., Andreadis S. T., Cheng C., Stimuli-Responsive Scaffolds for Tissue Engineering Applications: From Chemistry to Biofabrication Technology, Progress in Polymer Science 2019, 98, 101147. (IF 24.5)
[J29] Review paper: Ostrovidov S., **Salehi S.,** Costantini M., Suthiwanish K., Ebrahimi M., Banan Sadeghian R., Fujie T., Shi X., Cannata S., Gargioli C., Tamayol A., Dokmeci M. R., Orive G., Swieszkowski W., Khademhosseini A., 3D Bioprinting in Skeletal Muscle, Small 2019, 15 (24), 1805530. (IF 11.45)
[J30] Research paper: Ebrahimi M., Ostrovidov S., **Salehi S.,** Bok Kim S., Bae H., Khademhosseini A., Enhanced Skeletal Muscle Formation on Microfluidic Spun Gelatin Methacryloyl (GelMA) Fibers Using Surface Patterning and Agrin Treatment, J Tissue Eng. Regen. Med. 2018. 12(11), 2151-2163. (IF 3.07)
[J31] Review paper: **Salehi S.,** Scheibel T., Biomimetic spider silk fibers – from vision to reality, Biochemist. 2018 40 (1) 4.
[J32] *Research paper*: Banan Sadeghian R., Ebrahimi M., **Salehi S.,** Electrical Stimulation of Microengineered Skeletal Muscle Tissue: Effect of Stimulus Parameters on Myotube Contractility and Maturation. J Tissue Eng. Regen. Med. 2018, 12(4):912-922. (IF 3.07)
[J33] Research paper: Amirnejad M., Afshar A., **Salehi S.,** The effect of titanium dioxide (TiO2) nanoparticles on hydroxyapatite (HA)/TiO2 composite coating fabricated by electrophoretic deposition (EPD), J Mater. Eng. Performance 2018, 27(5): 2338–2344. (IF 1.63)
[J34] *Research paper*: Ostrovidov S., Ebrahimi M., Bae H., Nguyen H. K., **Salehi S.,** Bok Kim S., Kumatani A., Matsue T., Shi X., Nakajima K., Hidema S., Osanai M., Khademhosseini A., Gelatin- Polyaniline Composite Nanofibers Enhanced Excitation/ Contraction Coupling System Maturation in Myotubes, ACS Appl. Mater. Interfaces 2017, 9 (49), 42444–42458. (IF 8.45)
[J35] *Research paper*: **Salehi S.,** Czugala M., Stafiej P., Fathi M.H., Bahners T., Gutmann J.S., Singer B.B., Fuchsluger T.A., Poly (glycerol sebacate)-Poly (ε-caprolactone) Blend Nanofibrous Scaffold as Intrinsic Bio- and Immunocompatible System for Corneal Repair, Acta Biomaterialia 2017, 50C, 370-380. (IF 6.38)
[J36] *Research paper*: **Salehi S.,** Ostrovidov S., Banan Sadeghian R., Ebrahimi M., Liang X., Bae H., Nakajima K., Fujie T., Khademhosseini A., Development of Flexible Cell Loaded Ultrathin Ribbons for

Minimally Invasive Delivery of Skeletal Muscle Cells, ACS Biomaterials Science & Engineering 2017, 3 (4), 579–589. (IF 4.0)
[J37] *Research paper*: Banan Sadeghian R., Ostrovidov S., Han J., **Salehi S.,** Bae H., Chen M., Khademhosseini A., Macroporous Mesh of Nanoporous Gold in Electrochemical Monitoring of Superoxide Release from Cells. Biosensors and Bioelectronics 2017, 88, 41-47. (*equal Contribution). (IF 8.17)
[J38] *Research paper*: Banan Sadeghian R., Han J., Ribas J., Nasajpour A., Duchamp M., Mousavi Shaegh A., Ostrovidov S., **Salehi S.,** Chen M., Khademhosseini A., Application of nanoporous gold in planar and mesh forms in electrochemical biosensing, IEEE 2016, 19-21. (IF 3.5)
[J39] *Research paper*: Banan Sadeghian R., Ostrovidov S., Han J., **Salehi S.**, Bae H., Chen M., Khademhosseini A., Online Monitoring of Super Oxide Anion Release from Skeletal Muscle Tissue using an Electrochemical Biosensor based on Thick-film Nanoporous Gold, ACS Sensors 2016, 1 (7), 921–928. (IF 6.94)
[J40] *Review paper*: Ostrovidov S., Shi X., Banan Sadeghian R., **Salehi S.**, Fujie T., Bae H., Ramalingam M., Khademhosseini A., Stem Cell Differentiation Toward the Myogenic Lineage for Muscle Tissue Regeneration: A Focus on Muscular Dystrophy, Journal of Stem cells, Reviews and Reports 2015, 11(6), 866-84. (IF 3.74)
[J41] *Review paper*: Ahadian S., Banan Sadeghian R., **Salehi S.**, Ostrovidov S., Bae H., Ramalingam M., Khademhosseini A., Bioconjugated Hydrogels for Tissue Engineering and Regenerative Medicine, ACS Bioconjugate Chemistry 2015, 26(10), 1984-2001. (IF 4.3)
[J42] *Research paper*: Banan Sadeghian R., Ostrovidov S., **Salehi S.**, Han J., Chen M., Khademhosseini A., An electrochemical biosensor based on gold microsphere and nanoporous gold for real-time detection of superoxide anion in skeletal muscle tissue, IEEE 2015, 7962-7965. (IF 3.5)
[J43] *Research paper*: Altinpinar S., Zhao H., Ali W., Kappes R., Schuchardt P., **Salehi S.,** Santoro G., Theato P., Roth S., Gutmann J.S, Distorsion of Ultrathin Photocleavable Block Copolymer Films During Photocleavage and Nanopore Formation, Langmuir 2015, 31(32), 8947-52. (IF 4.3)
[J44] *Research paper*: **Salehi S.,** Fathi M.H., HaghjooyJavanmard Sh., Moshayedi M., Barneh F., Fabrication and Characterization of Biodegradable Polymeric Films for Corneal Stroma Tissue Engineering, Journal of Advanced Biomedical Research 2015, 4:9.
[J45] *Research paper*: **Salehi S.,** Bahners T., Gutmann J.S., Mäder E., Gao S.L., Fuchsluger T.A., Characterization of Structural, Mechanical and Nano-Mechanical Properties of Electrospun PGS/PCL Fibers, RSC Advances 2014, 4, 16951. (IF 4.06)
[J46] *Research paper*: **Salehi S.,** Fathi M.H., HaghjooyJavanmard Sh., Bahners T., Gutmann J.S., Ergün S., Steuhl K.P., Fuchsluger T.A., Generation of PGS/PCL-Blend Nanofibrous Scaffolds Mimicking Corneal Stroma Structure, Macromolecular Materials Engineering 2014, 299, 455–69. (IF 2.84)
[J47] *Research paper*: Khorsand S., Fathi M.H., **Salehi S.,** Amirkhanlou S., Hydroxyapatite/Alumina Nanocrystalline Composite Powder Synthesized by Sol-Gel Process for Biomedical Applications, International Journal of Minerals, Metallurgy and Materials 2014, 21(10), 1033-36. (IF 2.01)
[J48] *Review paper*: Fuchsluger T., **Salehi S.,** Petsch C., Bachmann B., New possibilities for ocular surface reconstruction: collagen membranes and biocompatible elastomer nanofibers, Ophthalmologie 2014, 111 (11), 1019–26.
[J49] *Research paper*: **Salehi S.**, Grünert A., Bahners T., Gutmann J.S., Steuhl K.P., Czugala M., Singer B.B., Fuchsluger T.A., New Nanofibrous Scaffold for Corneal Tissue Engineering, Klinische Monats blätter für Augenheilkunde 2014, 231, 626–30.
[J50] *Research paper*: **Salehi S.**, Fathi M.H., Elaboration of Sol-Gel Derived Hydroxyapatite/Yttria Stabilized Zirconia Composite Coatings Obtained for Biomedical Application, Defect and Diffusion Forum 2011, 312-315, 894-99.
[J51] *Research paper*: **Salehi S.**, Fathi M.H., Fabrication and Characterization of Sol-gel Derived Hydroxyapatite/ Zirconia Composite Nanopowders with Various Contents of Yttria, Ceramics International 36, 2010, 1659–67. (IF 2.16)

Book chapters
[BK 1] Wicklein V.J., Singer B.B., Scheibel T., **Salehi S.**, Chapter 17: Nanoengineered biomaterials for corneal regeneration, 379-415, Book title: "Nanoengineered Biomaterials for Regenerative Medicine" 1st Edition, edited by Kaplan D., Rajadas J. and Mozafari M., Publisher: Elsevier 2019. ISBN: 9780128133552.
[BK 2] **Salehi S.**, Kharaziha M., Fallahi A., Masoumi N., Tamayol A., Chapter 11: Medical Textiles as Substrates for Tissue Engineering. Book title: "Textile Finishing: Recent Developments and Future Trends" edited by Mittal K. and Bahners T., Publisher: John Wiley & Sons 2017. ISBN 978-1-119-42676-9, 363.