

# Sorina Dinescu

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,571  
citations

377584

21  
h-index

388640

36  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2814  
citing authors

#	ARTICLE	IF	CITATIONS
1	The gene regulation knowledge commons: the action area of GREEK. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022, 1865, 194768.	0.9	3
2	Grapheneâ€“Oxide Porous Biopolymer Hybrids Enhance In Vitro Osteogenic Differentiation and Promote Ectopic Osteogenesis In Vivo. <i>International Journal of Molecular Sciences</i> , 2022, 23, 491.	1.8	9
3	Silk Proteins Enriched Nanocomposite Hydrogels Based on Modified MMT Clay and Poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /O Tissue Engineering. <i>Nanomaterials</i> , 2022, 12, 503.	1.9	8
4	3D Printable Composite Biomaterials Based on GelMA and Hydroxyapatite Powders Doped with Cerium Ions for Bone Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1841.	1.8	24
5	Nanocellulose-enriched hydrocolloid-based hydrogels designed using a Ca <sup>2+</sup> free strategy based on citric acid. <i>Materials and Design</i> , 2021, 197, 109200.	3.3	30
6	A novel experimental approach to evaluate guided bone regeneration (GBR) in the rat femur using a 3D-printed CAD/CAM zirconia space-maintaining barrier. <i>Journal of Advanced Research</i> , 2021, 28, 221-229.	4.4	6
7	Complexation with Random Methyl-Î²-Cyclodextrin and (2-Hidroxypropyl)-Î²-Cyclodextrin Enhances In Vivo Anti-Fibrotic and Anti-Inflammatory Effects of Chrysin via the Inhibition of NF-Î²B and TGF-Î²1/Smad Signaling Pathways and Modulation of Hepatic Pro/Anti-Fibrotic miRNA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1869.	1.8	6
8	Fabrication and properties of alginate-hydroxyapatite biocomposites as efficient biomaterials for bone regeneration. <i>European Polymer Journal</i> , 2021, 151, 110444.	2.6	15
9	5-Aminosalicic Acid Loaded Chitosan-Carrageenan Hydrogel Beads with Potential Application for the Treatment of Inflammatory Bowel Disease. <i>Polymers</i> , 2021, 13, 2463.	2.0	12
10	Cellulose Nanofiber-Based Hydrogels Embedding 5-FU Promote Pyroptosis Activation in Breast Cancer Cells and Support Human Adipose-Derived Stem Cell Proliferation, Opening New Perspectives for Breast Tissue Engineering. <i>Pharmaceutics</i> , 2021, 13, 1189.	2.0	15
11	3D Bioprinting of Biosynthetic Nanocellulose-Filled GelMA Inks Highly Reliable for Soft Tissue-Oriented Constructs. <i>Materials</i> , 2021, 14, 4891.	1.3	11
12	Epitranscriptomic signatures in stem cell differentiation to the neuronal lineage. <i>RNA Biology</i> , 2021, 18, 51-60.	1.5	3
13	Electrospinning Fabrication and Cytocompatibility Investigation of Nanodiamond Particles-Gelatin Fibrous Tubular Scaffolds for Nerve Regeneration. <i>Polymers</i> , 2021, 13, 407.	2.0	7
14	Regenerative Potential of Mesenchymal Stem Cellsâ€™ (MSCs) Secretome for Liver Fibrosis Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13292.	1.8	16
15	<i>In Vitro</i> Effects of Cetylated Fatty Acids Mixture from Celadrin on Chondrogenesis and Inflammation with Impact on Osteoarthritis. <i>Cartilage</i> , 2020, 11, 88-97.	1.4	7
16	Ceramics based on calcium phosphates substituted with magnesium ions for bone regeneration. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 342-353.	1.1	13
17	Inflammation and Inflammasomes: Pros and Cons in Tumorigenesis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-15.	0.9	16
18	Exosomes as Part of the Human Adipose-Derived Stem Cells Secretome- Opening New Perspectives for Cell-Free Regenerative Applications. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1312, 139-163.	0.8	12

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19	Interplay between Cellular and Molecular Mechanisms Underlying Inflammatory Bowel Diseases Development—A Focus on Ulcerative Colitis. <i>Cells</i> , 2020, 9, 1647.	1.8	27
20	Deciphering the Molecular Landscape of Cutaneous Squamous Cell Carcinoma for Better Diagnosis and Treatment. <i>Journal of Clinical Medicine</i> , 2020, 9, 2228.	1.0	22
21	The Non-Coding Landscape of Cutaneous Malignant Melanoma: A Possible Route to Efficient Targeted Therapy. <i>Cancers</i> , 2020, 12, 3378.	1.7	15
22	Multi-Omics Data Integration in Extracellular Vesicle Biology—Utopia or Future Reality?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8550.	1.8	26
23	Complexation with Random Methyl- $\beta$ -Cyclodextrin and (2-Hydroxypropyl)- $\beta$ -Cyclodextrin Promotes Chrysin Effect and Potential for Liver Fibrosis Therapy. <i>Materials</i> , 2020, 13, 5003.	1.3	5
24	Comprehensive Appraisal of Graphene—Oxide Ratio in Porous Biopolymer Hybrids Targeting Bone-Tissue Regeneration. <i>Nanomaterials</i> , 2020, 10, 1444.	1.9	18
25	Connecting the Missing Dots: ncRNAs as Critical Regulators of Therapeutic Susceptibility in Breast Cancer. <i>Cancers</i> , 2020, 12, 2698.	1.7	9
26	Cyclodextrin Complexation Improves the Solubility and Caco-2 Permeability of Chrysin. <i>Materials</i> , 2020, 13, 3618.	1.3	39
27	The Cellular and Molecular Patterns Involved in the Neural Differentiation of Adipose-Derived Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1298, 23-41.	0.8	3
28	Cellular Interplay as a Consequence of Inflammatory Signals Leading to Liver Fibrosis Development. <i>Cells</i> , 2020, 9, 461.	1.8	38
29	Release of the Non-Steroidal Anti-Inflammatory Drug Flufenamic Acid by Multiparticulate Delivery Systems Promotes Adipogenic Differentiation of Adipose-Derived Stem Cells. <i>Materials</i> , 2020, 13, 1550.	1.3	4
30	Versatile Biomaterial Platform Enriched with Graphene Oxide and Carbon Nanotubes for Multiple Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3868.	1.8	31
31	Fabrication and Biocompatibility Evaluation of Nanodiamonds-Gelatin Electrospun Materials Designed for Prospective Tissue Regeneration Applications. <i>Materials</i> , 2019, 12, 2933.	1.3	21
32	Graphene Oxide Enhances Chitosan-Based 3D Scaffold Properties for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5077.	1.8	57
33	Functional Polyimide-Based Electrospun Fibers for Biomedical Application. <i>Materials</i> , 2019, 12, 3201.	1.3	22
34	Pullulan/Poly(Vinyl Alcohol) Composite Hydrogels for Adipose Tissue Engineering. <i>Materials</i> , 2019, 12, 3220.	1.3	21
35	Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer. <i>Genes</i> , 2019, 10, 52.	1.0	74
36	Nanocomposite foams based on flexible biobased thermoplastic polyurethane and ZnO nanoparticles as potential wound dressing materials. <i>Materials Science and Engineering C</i> , 2019, 104, 109893.	3.8	67

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37	Efficiency of Multiparticulate Delivery Systems Loaded with Flufenamic Acid Designed for Burn Wound Healing Applications. <i>Journal of Immunology Research</i> , 2019, 2019, 1-13.	0.9	12
38	Circulatory leukotriene changes during bone healing following osteotomies prepared with Er:YAG laser and piezosurgery: an animal study. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 325-330.	0.5	0
39	Proteomic Technology "Lens" for Epithelial-Mesenchymal Transition Process Identification in Oncology. <i>Analytical Cellular Pathology</i> , 2019, 2019, 1-17.	0.7	10
40	Hema-Functionalized Graphene Oxide: a Versatile Nanofiller for Poly(Propylene Fumarate)-Based Hybrid Materials. <i>Scientific Reports</i> , 2019, 9, 18685.	1.6	20
41	Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine. <i>Polymers and Polymeric Composites</i> , 2019, , 1643-1664.	0.6	7
42	Effects of starvation and refeeding on growth performance and stress defense mechanisms of stellate sturgeon <i>Acipenser stellatus</i> juveniles from aquaculture. <i>Acta Biochimica Polonica</i> , 2019, 66, 47-59.	0.3	5
43	Synergistic effect of carbon nanotubes and graphene for high performance cellulose acetate membranes in biomedical applications. <i>Carbohydrate Polymers</i> , 2018, 183, 50-61.	5.1	62
44	Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine. <i>Polymers and Polymeric Composites</i> , 2018, , 1-21.	0.6	5
45	Human Adipose-Derived Stem Cells for Tissue Engineering Approaches: Current Challenges and Perspectives. , 2018, , .		2
46	Porous poly(l-lactic acid) nanocomposite scaffolds with functionalized TiO <sub>2</sub> nanoparticles: properties, cytocompatibility and drug release capability. <i>Journal of Materials Science</i> , 2018, 53, 11151-11166.	1.7	20
47	Protective effects of silymarin against bisphenol A-induced hepatotoxicity in mouse liver. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 821-828.	0.8	33
48	Chitosan-Graphene Oxide 3D scaffolds as Promising Tools for Bone Regeneration in Critical-Size Mouse Calvarial Defects. <i>Scientific Reports</i> , 2017, 7, 16641.	1.6	96
49	Evaluation of Hepatotoxicity with Treatment Doses of Flucytosine and Amphotericin B for Invasive Fungal Infections. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	12
50	About electrochemical stability and biocompatibility of two types of CoCr commercial dental alloys. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 1096-1104.	0.8	9
51	Effect of carboxylic acid functionalized graphene on physical-chemical and biological performances of polysulfone porous films. <i>Polymer</i> , 2016, 92, 1-12.	1.8	11
52	Gelatin-poly(vinyl alcohol) porous biocomposites reinforced with graphene oxide as biomaterials. <i>Journal of Materials Chemistry B</i> , 2016, 4, 282-291.	2.9	39
53	A 3D Porous Gelatin-Alginate-Based-IPN Acts as an Efficient Promoter of Chondrogenesis from Human Adipose-Derived Stem Cells. <i>Stem Cells International</i> , 2015, 2015, 1-17.	1.2	27
54	Synthesis, characterization and in vitro studies of polysulfone/graphene oxide composite membranes. <i>Composites Part B: Engineering</i> , 2015, 72, 108-115.	5.9	78

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55	In vitro cytocompatibility evaluation of chitosan/graphene oxide 3D scaffold composites designed for bone tissue engineering. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 2249-2256.	0.4	84
56	Perilipin Expression Reveals Adipogenic Potential of hADSCs inside Superporous Polymeric Cellular Delivery Systems. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	4
57	Synthesis, characterization, and in vitro studies of graphene oxide/chitosan-polyvinyl alcohol films. <i>Carbohydrate Polymers</i> , 2014, 102, 813-820.	5.1	126
58	In vitro bio-functional performances of the novel superelastic beta-type Ti-23Nb-0.7Ta-2Zr-0.5N alloy. <i>Materials Science and Engineering C</i> , 2014, 35, 411-419.	3.8	32
59	Comparative study of leptin and leptin receptor gene expression in different swine breeds. <i>Genetics and Molecular Research</i> , 2014, 13, 7140-7148.	0.3	11
60	Biocompatibility Assessment of Novel Collagen-Sericin Scaffolds Improved with Hyaluronic Acid and Chondroitin Sulfate for Cartilage Regeneration. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	50
61	Sericin Enhances the Bioperformance of Collagen-Based Matrices Preseeded with Human-Adipose Derived Stem Cells (hADSCs). <i>International Journal of Molecular Sciences</i> , 2013, 14, 1870-1889.	1.8	37
62	Preparation and in vitro, bulk, and surface investigation of chitosan/graphene oxide composite films. <i>Polymer Composites</i> , 2013, 34, 2116-2124.	2.3	22
63	Modulation of Adipogenic Conditions for Prospective Use of hADSCs in Adipose Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2012, 13, 15881-15900.	1.8	29
64	The Impact of Graphene Oxide on Bone Regeneration Therapies. , 0, , .		3
65	Adipose tissue engineering and adipogenesis - a review. <i>Reviews in Biological and Biomedical Sciences</i> , 0, , 17-26.	0.1	13
66	MNPs-Enriched Biomaterials as Promising Candidates for Nervous Tissue Engineering Applications. , 0, , .		0