

Nader Sheibani

List of Publications by Year in descending order

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Version: 2024-02-01

298
papers

8,877
citations

53939

47
h-index

93651

72
g-index

302
all docs

302
docs citations

302
times ranked

13280
citing authors

#	ARTICLE	IF	CITATIONS
1	Glimpse into the Cellular Internalization and Intracellular Trafficking of Lipid- Based Nanoparticles in Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1897-1912.	0.9	1
2	An outlook on suicide enzyme inhibition and drug design. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1575-1592.	1.2	3
3	Thrombospondin-1 expression and modulation of Wnt and hippo signaling pathways during the early phase of <i>Trypanosoma cruzi</i> infection of heart endothelial cells. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010074.	1.3	3
4	Bim Expression Promotes the Clearance of Mononuclear Phagocytes during Choroidal Neovascularization, Mitigating Scar Formation in Mice. <i>Life</i> , 2022, 12, 208.	1.1	3
5	Fingolimod (FTY720), a Sphingosine-1-Phosphate Receptor Agonist, Mitigates Choroidal Endothelial Proangiogenic Properties and Choroidal Neovascularization. <i>Cells</i> , 2022, 11, 969.	1.8	3
6	Diabetes negatively affects tooth enamel and dentine microhardness: An in-vivo study. <i>Archives of Oral Biology</i> , 2022, 139, 105434.	0.8	10
7	Smart active-targeting of lipid-polymer hybrid nanoparticles for therapeutic applications: Recent advances and challenges. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 166-194.	3.6	14
8	A rapid, simple and ultrasensitive spectrofluorimetric method for the direct detection of metformin in real samples based on a nanoquenching approach. <i>Luminescence</i> , 2021, 36, 658-667.	1.5	6
9	Development of an albumin decorated lipid-polymer hybrid nanoparticle for simultaneous delivery of methotrexate and conferone to cancer cells. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120421.	2.6	14
10	Targeted Thrombospondin-1 Expression in Ocular Vascular Development and Neovascularization. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671989.	1.8	8
11	A Novel Polyurethane Expandable Root Canal Sealer. <i>Journal of Endodontics</i> , 2021, 47, 612-620.	1.4	9
12	Thrombospondin-1 Plays an Essential Role in Hippo Signaling During the Early Phase of <i>Trypanosoma cruzi</i> Infection in Heart Endothelial Cells. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
13	Hypoxic-ischemic injury causes functional and structural neurovascular degeneration in the juvenile mouse retina. <i>Scientific Reports</i> , 2021, 11, 12670.	1.6	5
14	Retinopathy of prematurity shows alterations in Vegfa164 isoform expression. <i>Pediatric Research</i> , 2021, . .	1.1	2
15	Silencing of HMGA2 by siRNA Loaded Methotrexate Functionalized Polyamidoamine Dendrimer for Human Breast Cancer Cell Therapy. <i>Genes</i> , 2021, 12, 1102.	1.0	15
16	Editorial "Hypoxic-Ischemic Encephalopathy: Impact on Retinal Neurovascular Integrity and Function. <i>Journal of Ophthalmic and Vision Research</i> , 2021, 16, 317-319.	0.7	1
17	Implication of N-Methyl-d-Aspartate Receptor in Homocysteine-Induced Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9356.	1.8	2
18	Anti-seizure effects of walnut peptides in mouse models of induced seizure: The involvement of GABA and nitric oxide pathways. <i>Epilepsy Research</i> , 2021, 176, 106727.	0.8	11

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19	Caffeine Inhibits Choroidal Neovascularization Through Mitigation of Inflammatory and Angiogenesis Activities. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 737426.	1.8	6
20	7, 8-Dihydroxyflavone, a TrkB receptor agonist, provides minimal protection against retinal vascular damage during oxygen-induced ischemic retinopathy. <i>PLoS ONE</i> , 2021, 16, e0260793.	1.1	3
21	Myeloid-Derived TSP1 (Thrombospondin-1) Contributes to Abdominal Aortic Aneurysm Through Suppressing Tissue Inhibitor of Metalloproteinases-1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e350-e366.	1.1	23
22	Thrombospondin-1 Plays an Essential Role in Yes-Associated Protein Nuclear Translocation during the Early Phase of <i>Trypanosoma cruzi</i> Infection in Heart Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4912.	1.8	9
23	Noninvasive temporal detection of early retinal vascular changes during diabetes. <i>Scientific Reports</i> , 2020, 10, 17370.	1.6	12
24	Bim expression modulates the pro-inflammatory phenotype of retinal astroglial cells. <i>PLoS ONE</i> , 2020, 15, e0232779.	1.1	2
25	Deletion of Thioredoxin-Interacting Protein (TXNIP) Abrogates High Fat Diet-Induced Retinal Leukostasis, Barrier Dysfunction and Microvascular Degeneration in a Mouse Obesity Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3983.	1.8	9
26	Moderately Acidic pH Promotes Angiogenesis: An In Vitro and In Vivo Study. <i>Journal of Endodontics</i> , 2020, 46, 1113-1119.	1.4	7
27	In Vivo Imaging of Schlemm's Canal and Limbal Vascular Network in Mouse Using Visible-Light OCT. , 2020, 61, 23.		23
28	Surface plasmon resonance, fluorescence, and molecular docking studies of bovine serum albumin interactions with natural coumarin diversin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118063.	2.0	24
29	Inhibition of retinal neovascularization by a PEDF-derived nonapeptide in newborn mice subjected to oxygen-induced ischemic retinopathy. <i>Experimental Eye Research</i> , 2020, 195, 108030.	1.2	9
30	Retinal astrocytes transcriptome reveals Cyp1b1 regulates the expression of genes involved in cell adhesion and migration. <i>PLoS ONE</i> , 2020, 15, e0231752.	1.1	10
31	Long-term evaluation of retinal morphology and function in a mouse model of oxygen-induced retinopathy. <i>Molecular Vision</i> , 2020, 26, 257-276.	1.1	10
32	Tunicamycin-induced photoreceptor atrophy precedes degeneration of retinal capillaries with minimal effects on retinal ganglion and pigment epithelium cells. <i>Experimental Eye Research</i> , 2019, 187, 107756.	1.2	9
33	Synergistic inhibition of catalase activity by food colorants sunset yellow and curcumin: An experimental and MLSD simulation approach. <i>Chemico-Biological Interactions</i> , 2019, 311, 108746.	1.7	10
34	Multispectral and computational probing of the interactions between sitagliptin and serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117286.	2.0	30
35	Bcl-2 Expression in Pericytes and Astrocytes Impacts Vascular Development and Homeostasis. <i>Scientific Reports</i> , 2019, 9, 9700.	1.6	15
36	Novel anti-angiogenic PEDF-derived small peptides mitigate choroidal neovascularization. <i>Experimental Eye Research</i> , 2019, 188, 107798.	1.2	24

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37	Synthesis, characterization, anti-proliferative properties and DNA binding of benzochromene derivatives: Increased Bax/Bcl-2 ratio and caspase-dependent apoptosis in colorectal cancer cell line. <i>Bioorganic Chemistry</i> , 2019, 93, 103329.	2.0	36
38	Neurovascular Organotypic Culture Models Using Induced Pluripotent Stem Cells to Assess Adverse Chemical Exposure Outcomes. <i>Applied in Vitro Toxicology</i> , 2019, 5, 92-110.	0.6	4
39	Quantitative proteomic study of arsenic treated mouse liver sinusoidal endothelial cells using a reverse super-SILAC method. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 475-481.	1.0	4
40	1,25(OH) ₂ D ₃ regulates the proangiogenic activity of pericyte through VDR-mediated modulation of VEGF production and signaling of VEGF and PDGF receptors. <i>FASEB BioAdvances</i> , 2019, 1, 415-434.	1.3	20
41	Cyp1b1-deficient retinal astrocytes are more proliferative and migratory and are protected from oxidative stress and inflammation. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C767-C781.	2.1	18
42	Steered molecular dynamic simulations of conformational lock of Cu, Zn-superoxide dismutase. <i>Scientific Reports</i> , 2019, 9, 4353.	1.6	11
43	The impact of water molecules on binding affinity of the anti-diabetic thiazolidinediones for catalase: Kinetic and mechanistic approaches. <i>Archives of Biochemistry and Biophysics</i> , 2019, 664, 110-116.	1.4	5
44	Novel Paracrine Functions of Smooth Muscle Cells in Supporting Endothelial Regeneration Following Arterial Injury. <i>Circulation Research</i> , 2019, 124, 1253-1265.	2.0	27
45	Biological evaluation of 9-(1H-Indol-3-yl) xanthen-4-(9H)-ones derivatives as noncompetitive β -glucosidase inhibitors: kinetics and molecular mechanisms. <i>Structural Chemistry</i> , 2019, 30, 703-714.	1.0	5
46	Intravitreal Delivery of VEGF-A165-loaded PLGA Microparticles Reduces Retinal Vaso-Obliteration in an In Vivo Mouse Model of Retinopathy of Prematurity. <i>Current Eye Research</i> , 2019, 44, 275-286.	0.7	16
47	The impact of slaughtering methods on physicochemical characterization of sheep myoglobin. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 315-324.	1.2	4
48	Targeted deletion of Cyp1b1 in pericytes results in attenuation of retinal neovascularization and trabecular meshwork dysgenesis. <i>Trends in Developmental Biology</i> , 2019, 12, 1-12.	1.0	5
49	Lag phase alteration in the modified bovine serum albumin under the inducing and inhibitory effect of vitamin C. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1337-1346.	1.2	0
50	Time-lapse microscopy of oxidative stress demonstrates metabolic sensitivity of retinal pericytes under high glucose condition. <i>Journal of Biophotonics</i> , 2018, 11, e201700289.	1.1	13
51	Temporal diabetes-induced biochemical changes in distinctive layers of mouse retina. <i>Scientific Reports</i> , 2018, 8, 1096.	1.6	2
52	Paclitaxel inhibited lysozyme fibrillation by increasing colloidal stability through formation of α -off-pathway oligomers. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 870-879.	3.6	8
53	O-Linked β -N-acetylglucosamine (O-GlcNAc) modification: a new pathway to decode pathogenesis of diabetic retinopathy. <i>Clinical Science</i> , 2018, 132, 185-198.	1.8	28
54	Mice dental pulp and periodontal ligament endothelial cells exhibit different proangiogenic properties. <i>Tissue and Cell</i> , 2018, 50, 31-36.	1.0	15

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55	Hydrogel Arrays and Choroidal Neovascularization Models for Evaluation of Angiogenic Activity of Vital Pulp Therapy Biomaterials. <i>Journal of Endodontics</i> , 2018, 44, 773-779.	1.4	6
56	Kinetics Study of Protein Hydrolysis and Inhibition of Angiotensin Converting Enzyme by Peptides Hydrolysate Extracted from Walnut. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 77-85.	0.9	20
57	Negative regulators of angiogenesis, ocular vascular homeostasis, and pathogenesis and treatment of exudative AMD. <i>Journal of Ophthalmic and Vision Research</i> , 2018, 13, 470.	0.7	21
58	Cyp1b1 expression impacts the angiogenic and inflammatory properties of liver sinusoidal endothelial cells. <i>PLoS ONE</i> , 2018, 13, e0206756.	1.1	19
59	Methotrexate induced cell death mechanisms in MCF-7 adenocarcinoma breast cancer cells: Enhanced cytotoxicity following dff45-siRNA pre-treatment. <i>Synergy</i> , 2018, 7, 10-16.	1.1	0
60	Extended Intravitreal Rabbit Eye Residence of Nanoparticles Conjugated With Cationic Arginine Peptides for Intraocular Drug Delivery: In Vivo Imaging. , 2018, 59, 4071.		11
61	Mechanistic investigation of sulfonamide ligands as human carbonic anhydrase II inhibitors. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1198-1207.	3.6	19
62	Effect of dry heating on physico-chemical, functional properties and digestibility of camel whey protein. <i>International Dairy Journal</i> , 2018, 86, 9-20.	1.5	17
63	Determination of Amadori Product in Glycated Human Serum Albumin by Spectroscopy Methods. <i>ChemistrySelect</i> , 2018, 3, 7018-7022.	0.7	3
64	Angiogenesis and the prevention of alveolar osteitis: a review study. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2018, 44, 93.	0.3	8
65	Vitamin D and regulation of vascular cell function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H753-H765.	1.5	57
66	Tamoxifen-Induced Apoptosis of MCF-7 Cells via GPR30/PI3K/MAPKs Interactions: Verification by ODE Modeling and RNA Sequencing. <i>Frontiers in Physiology</i> , 2018, 9, 907.	1.3	40
67	PEDF expression affects the oxidative and inflammatory state of choroidal endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C456-C472.	2.1	23
68	The effect of Tmem135 overexpression on the mouse heart. <i>PLoS ONE</i> , 2018, 13, e0201986.	1.1	16
69	Attenuation of Retinal Vascular Development in Neonatal Mice Subjected to Hypoxic-Ischemic Encephalopathy. <i>Scientific Reports</i> , 2018, 8, 9166.	1.6	13
70	CYP1B1: A key regulator of redox homeostasis. <i>Trends in Cell & Molecular Biology</i> , 2018, 13, 27-45.	0.5	7
71	Calcium silicate-based cements and functional impacts of various constituents. <i>Dental Materials Journal</i> , 2017, 36, 8-18.	0.8	55
72	Retinal oxidative stress at the onset of diabetes determined by synchrotron FTIR widefield imaging: towards diabetes pathogenesis. <i>Analyst, The</i> , 2017, 142, 1061-1072.	1.7	27

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73	Augmentation of the cytotoxic effects of zinc oxide nanoparticles by MTCP conjugation: Non-canonical apoptosis and autophagy induction in human adenocarcinoma breast cancer cell lines. <i>Materials Science and Engineering C</i> , 2017, 78, 949-959.	3.8	20
74	Studies to reveal the nature of interactions between catalase and curcumin using computational methods and optical techniques. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 550-556.	3.6	35
75	Antichaperone activity and heme degradation effect of methyl tert-butyl ether (MTBE) on normal and diabetic hemoglobins. <i>Journal of Molecular Recognition</i> , 2017, 30, e2596.	1.1	5
76	Bcl-2 expression is essential for development and normal physiological properties of tooth hard tissue and saliva production. <i>Experimental Cell Research</i> , 2017, 358, 94-100.	1.2	5
77	Activation of catalase by pioglitazone: Multiple spectroscopic methods combined with molecular docking studies. <i>Journal of Molecular Recognition</i> , 2017, 30, e2648.	1.1	37
78	Regulation of high glucose-induced apoptosis of brain pericytes by mitochondrial CA VA: A specific target for prevention of diabetic cerebrovascular pathology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 929-935.	1.8	28
79	Targeting of 12/15-Lipoxygenase in retinal endothelial cells, but not in monocytes/macrophages, attenuates high glucose-induced retinal leukostasis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 636-645.	1.2	19
80	Vitamins and regulation of angiogenesis: [A, B1, B2, B3, B6, B9, B12, C, D, E, K]. <i>Journal of Functional Foods</i> , 2017, 38, 180-196.	1.6	22
81	PEDF expression affects retinal endothelial cell proangiogenic properties through alterations in cell adhesive mechanisms. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C405-C420.	2.1	16
82	Versatile synthetic alternatives to Matrigel for vascular toxicity screening and stem cell expansion. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	86
83	Negative regulators of angiogenesis: important targets for treatment of exudative AMD. <i>Clinical Science</i> , 2017, 131, 1763-1780.	1.8	47
84	Destructive effect of non-enzymatic glycation on catalase and remediation via curcumin. <i>Archives of Biochemistry and Biophysics</i> , 2017, 630, 81-90.	1.4	27
85	Microglia activation is essential for BMP7-mediated retinal reactive gliosis. <i>Journal of Neuroinflammation</i> , 2017, 14, 76.	3.1	26
86	CD40 in Retinal Müller Cells Induces P2X7-Dependent Cytokine Expression in Macrophages/Microglia in Diabetic Mice and Development of Early Experimental Diabetic Retinopathy. <i>Diabetes</i> , 2017, 66, 483-493.	0.3	96
87	Detection of Guanine and Adenine Using an Aminated Reduced Graphene Oxide Functional Membrane-Modified Glassy Carbon Electrode. <i>Sensors</i> , 2017, 17, 1652.	2.1	14
88	Sustaining Intravitreal Residence With L-Arginine Peptide-Conjugated Nanocarriers. , 2017, 58, 5142.		12
89	Bim expression in endothelial cells and pericytes is essential for regression of the fetal ocular vasculature. <i>PLoS ONE</i> , 2017, 12, e0178198.	1.1	18
90	Adrenergic Receptor Antagonism Attenuates CNV Through Inhibition of VEGF and IL-6 Expression. , 2017, 58, 299.		31

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91	Increased Retinal Oxygen Metabolism Precedes Microvascular Alterations in Type 1 Diabetic Mice. , 2017, 58, 981.		27
92	Vitamin D receptor expression is essential during retinal vascular development and attenuation of neovascularization by 1, 25(OH)2D3. PLoS ONE, 2017, 12, e0190131.	1.1	29
93	Storage Medium Affects the Surface Porosity of Dental Cements. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, ZC116-ZC119.	0.8	4
94	Abstract 5846: The use of sodium sulfide, a hydrogen sulfide donor, to sensitize glioblastoma multiforme to photon and proton radiotherapy. , 2017, , .		0
95	Visible light optical coherence tomography measure retinal oxygen metabolic response to systemic oxygenation (Conference Presentation). , 2016, , .		0
96	Hydrophobic behavior, ROS production, and heme degradation of hemoglobin upon interaction with n-alkyl sulfates. Journal of the Iranian Chemical Society, 2016, 13, 2103-2111.	1.2	6
97	High glucose promotes the migration of retinal pigment epithelial cells through increased oxidative stress and PEDF expression. American Journal of Physiology - Cell Physiology, 2016, 311, C418-C436.	2.1	51
98	Effect of biomaterials on angiogenesis during vital pulp therapy. Dental Materials Journal, 2016, 35, 701-709.	0.8	29
99	Mechanistic role of cytochrome P450 (CYP)1B1 in oxygen-mediated toxicity in pulmonary cells: A novel target for prevention of hyperoxic lung injury. Biochemical and Biophysical Research Communications, 2016, 476, 346-351.	1.0	13
100	Cone-Specific Promoters for Gene Therapy of Achromatopsia and Other Retinal Diseases. Human Gene Therapy, 2016, 27, 72-82.	1.4	59
101	The role of acetoacetate in Amadori product formation of human serum albumin. Journal of Photochemistry and Photobiology B: Biology, 2016, 163, 345-351.	1.7	7
102	Antioxidant and Anticancer Activities of Walnut (<i>Juglans regia</i> L.) Protein Hydrolysates Using Different Proteases. Plant Foods for Human Nutrition, 2016, 71, 402-409.	1.4	105
103	Metallo-vesicular catalysis: A mixture of vesicular cysteine/iron mediates oxidative pH switchable catalysis. Journal of Molecular Catalysis A, 2016, 424, 181-193.	4.8	14
104	A new era considering inorganic trace elements and biological activity of dental biomaterials (angiogenic activity). Acta Biomaterialia Odontologica Scandinavica, 2016, 2, 93-94.	4.0	1
105	Three-dimensional visualization of arsenic stimulated mouse liver sinusoidal by FIB-SEM approach. Protein and Cell, 2016, 7, 227-232.	4.8	2
106	Antiproliferative effects of ZnO, ZnO@MTCP, and ZnO@CuMTCP nanoparticles with safe intensity UV and X-ray irradiation. Biotechnology and Applied Biochemistry, 2016, 63, 113-124.	1.4	17
107	Differential regulation of angiogenesis using degradable VEGF-binding microspheres. Biomaterials, 2016, 93, 27-37.	5.7	23
108	Acetoacetate promotes the formation of fluorescent advanced glycation end products (AGEs). Journal of Biomolecular Structure and Dynamics, 2016, 34, 1-9.	2.0	8

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109	Functional role of inorganic trace elements in angiogenesis part III: (Ti, Li, Ce, As, Hg, Va, Nb and Pb). <i>Critical Reviews in Oncology/Hematology</i> , 2016, 98, 290-301.	2.0	51
110	Quantitative assessment of retinopathy using multi-parameter image analysis. <i>Journal of Medical Signals and Sensors</i> , 2016, 6, 71.	0.5	3
111	Effect of dental restorative materials on total antioxidant capacity and calcium concentration of unstimulated saliva. <i>Journal of Clinical and Experimental Dentistry</i> , 2016, 9, 0-0.	0.5	5
112	Quantitative Assessment of Retinopathy Using Multi-parameter Image Analysis. <i>Journal of Medical Signals and Sensors</i> , 2016, 6, 71-80.	0.5	3
113	Lipopolysaccharide-induced blood-brain barrier disruption: roles of cyclooxygenase, oxidative stress, neuroinflammation, and elements of the neurovascular unit. <i>Journal of Neuroinflammation</i> , 2015, 12, 223.	3.1	405
114	Repair of bone defect by nano-modified white mineral trioxide aggregates in rabbit: A histopathological study. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2015, 20, e525-e531.	0.7	16
115	Curcumin Protects Î²-Lactoglobulin Fibril Formation and Fibril-Induced Neurotoxicity in PC12Cells. <i>PLoS ONE</i> , 2015, 10, e0133206.	1.1	16
116	Ocular Safety of Intravitreal Propranolol and Its Efficacy in Attenuation of Choroidal Neovascularization. , 2015, 56, 8228.		21
117	Mechanism and behavior of silver nanoparticles in aqueous medium as adsorbent. <i>Talanta</i> , 2015, 144, 1377-1386.	2.9	17
118	PECAM-1 isoforms, eNOS and endoglin axis in regulation of angiogenesis. <i>Clinical Science</i> , 2015, 129, 217-234.	1.8	76
119	Effect of mobile phone use on metal ion release from fixed orthodontic appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 147, 719-724.	0.8	14
120	ATF4 is a novel regulator of MCP-1 in microvascular endothelial cells. <i>Journal of Inflammation</i> , 2015, 12, 31.	1.5	44
121	Visible light optical coherence tomography measures retinal oxygen metabolic response to systemic oxygenation. <i>Light: Science and Applications</i> , 2015, 4, e334-e334.	7.7	133
122	Role of Angiogenesis in Endodontics: Contributions of Stem Cells and Proangiogenic and Antiangiogenic Factors to Dental Pulp Regeneration. <i>Journal of Endodontics</i> , 2015, 41, 797-803.	1.4	92
123	Radiopacifier Particle Size Impacts the Physical Properties of Tricalcium Silicate-based Cements. <i>Journal of Endodontics</i> , 2015, 41, 225-230.	1.4	23
124	Enhancement of thermal reversibility and stability of human carbonic anhydrase II by mesoporous nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 67-72.	3.6	9
125	Caseoperoxidase, mixed Î²-caseinâ€“SDSâ€“heminâ€“imidazole complex: a nano artificial enzyme. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 2619-2632.	2.0	15
126	Cytochrome P450 1B1: An unexpected modulator of liver fatty acid homeostasis. <i>Archives of Biochemistry and Biophysics</i> , 2015, 571, 21-39.	1.4	42

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127	Correlation of Hypocalcemia with Serum Parathyroid Hormone and Calcitonin Levels in Pediatric Intensive Care Unit. <i>Indian Journal of Pediatrics</i> , 2015, 82, 217-220.	0.3	7
128	Effect of particle size on calcium release and elevation of pH of endodontic cements. <i>Dental Traumatology</i> , 2015, 31, 196-201.	0.8	25
129	Retinal pericytes and cytomegalovirus infectivity: implications for HCMV-induced retinopathy and congenital ocular disease. <i>Journal of Neuroinflammation</i> , 2015, 12, 2.	3.1	26
130	Interaction of insulin with methyl tert -butyl ether promotes molten globule-like state and production of reactive oxygen species. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 610-614.	3.6	17
131	Rheumatoid arthritis and the prevalence of diabetic retinopathy. <i>Rheumatology</i> , 2015, 54, 1415-1419.	0.9	6
132	Functional role of inorganic trace elements in angiogenesisâ€™Part I: N, Fe, Se, P, Au, and Ca. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 96, 129-142.	2.0	72
133	Functional role of inorganic trace elements in angiogenesisâ€™Part II: Cr, Si, Zn, Cu, and S. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 96, 143-155.	2.0	109
134	Expression of pigment epithelium-derived factor and thrombospondin-1 regulate proliferation and migration of retinal pigment epithelial cells. <i>Physiological Reports</i> , 2015, 3, e12266.	0.7	28
135	Thrombospondin-2 Expression During Retinal Vascular Development and Neovascularization. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015, 31, 429-444.	0.6	7
136	Thrombospondin-1 (TSP1) Contributes to the Development of Vascular Inflammation by Regulating Monocytic Cell Motility in Mouse Models of Abdominal Aortic Aneurysm. <i>Circulation Research</i> , 2015, 117, 129-141.	2.0	93
137	Sensitization of breast cancer cells to doxorubicin via stable cell line generation and overexpression of DFF40. <i>Biochemistry and Cell Biology</i> , 2015, 93, 604-610.	0.9	12
138	Andrographolide Ameliorates Abdominal Aortic Aneurysm Progression by Inhibiting Inflammatory Cell Infiltration through Downregulation of Cytokine and Integrin Expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 356, 137-147.	1.3	23
139	Borane-protected phosphines are redox-active radioprotective agents for endothelial cells. <i>Redox Biology</i> , 2015, 6, 73-79.	3.9	8
140	Angiogenesis in regenerative dentistry. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, 122.	0.2	15
141	Endothelium Expression of Bcl-2 Is Essential for Normal and Pathological Ocular Vascularization. <i>PLoS ONE</i> , 2015, 10, e0139994.	1.1	12
142	Topiramate Protects Pericytes from Glucotoxicity: Role for Mitochondrial CA VA in Cerebrovascular Disease in Diabetes. <i>Journal of Endocrinology and Diabetes</i> , 2015, 2, .	0.2	15
143	Curcumin Mitigates the Fibrillation of Human Serum Albumin and Diminishes the Formation of Reactive Oxygen Species. <i>Protein and Peptide Letters</i> , 2015, 22, 348-353.	0.4	8
144	Optical cryoimaging of mitochondrial redox state in bronchopulmonary-dysplasia injury models in mice lungs. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 159-62.	1.1	7

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145	Cytochrome P450 1B1 and primary congenital glaucoma. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 60.	0.7	52
146	Expression of Thrombospondin-1 Modulates the Angioinflammatory Phenotype of Choroidal Endothelial Cells. <i>FASEB Journal</i> , 2015, 29, 639.6.	0.2	0
147	Simultaneous application of bevacizumab and anti-CTGF antibody effectively suppresses proangiogenic and profibrotic factors in human RPE cells. <i>Molecular Vision</i> , 2015, 21, 378-90.	1.1	13
148	Molecular Hydrogen in Drinking Water Protects against Neurodegenerative Changes Induced by Traumatic Brain Injury. <i>PLoS ONE</i> , 2014, 9, e108034.	1.1	47
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