

Stevo J Najman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

1,058
citations

16
h-index

28
g-index

140
ext. papers

1,306
ext. citations

2.8
avg, IF

4.34
L-index

#	Paper	IF	Citations
109	Tissue response to biphasic calcium phosphate covalently modified with either heparin or hyaluronic acid in a mouse subcutaneous implantation model. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 1353-1365	5.4	1
108	The Early Fragmentation of a Bovine Dermis-Derived Collagen Barrier Membrane Contributes to Transmembraneous Vascularization-A Possible Paradigm Shift for Guided Bone Regeneration. <i>Membranes</i> , 2021 , 11,	3.8	4
107	Ex Vivo and In Vivo Analyses of Novel 3D-Printed Bone Substitute Scaffolds Incorporating Biphasic Calcium Phosphate Granules for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
106	In Vivo Analysis of the Biocompatibility and Bone Healing Capacity of a Novel Bone Grafting Material Combined with Hyaluronic Acid. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
105	Macrophages' contribution to ectopic osteogenesis in combination with blood clot and bone substitute: possibility for application in bone regeneration strategies. <i>International Orthopaedics</i> , 2021 , 45, 1087-1095	3.8	1
104	Vascularization and osteogenesis in ectopically implanted bone tissue-engineered constructs with endothelial and osteogenic differentiated adipose-derived stem cells. <i>World Journal of Stem Cells</i> , 2021 , 13, 91-114	5.6	3
103	Ex Vivo and In Vivo Analysis of a Novel Porcine Aortic Patch for Vascular Reconstruction. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
102	Comparative In Vivo Analysis of the Integration Behavior and Immune Response of Collagen-Based Dental Barrier Membranes for Guided Bone Regeneration (GBR). <i>Membranes</i> , 2021 , 11,	3.8	6
101	Semi-Crystalline Copolymer Hydrogels as Smart Drug Carriers: In Vitro Thermo-Responsive Naproxen Release Study. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
100	The Condensation of Collagen Leads to an Extended Standing Time and a Decreased Pro-inflammatory Tissue Response to a Newly Developed Pericardium-based Barrier Membrane for Guided Bone Regeneration. <i>In Vivo</i> , 2020 , 34, 985-1000	2.3	8
99	Studies on the Mechanisms of Anti-Inflammatory Activity of Heparin- and Hyaluronan-Containing Multilayer Coatings-Targeting NF- κ B Signalling Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
98	Intelligent Poly(-Isopropylmethacrylamide) Hydrogels: Synthesis, Structure Characterization, Stimuli-Responsive Swelling Properties, and Their Radiation Decomposition. <i>Polymers</i> , 2020 , 12,	4.5	3
97	In Vivo Analysis of the Biocompatibility and Immune Response of Jellyfish Collagen Scaffolds and its Suitability for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
96	Study on the potential mechanism of anti-inflammatory activity of covalently immobilized hyaluronan and heparin. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 1099-1111	5.4	11
95	Aqueous extract of strawberry (<i>Fragaria x ananassa</i> Duch.) leaves as a stabilizing agent in the synthesis of bio-active silver nanoparticles. <i>Hemijaska Industrija</i> , 2020 , 74, 365-376	0.6	
94	and Biocompatibility Analysis of a New Transparent Collagen-based Wound Membrane for Tissue Regeneration in Different Clinical Indications. <i>In Vivo</i> , 2020 , 34, 2287-2295	2.3	4
93	Biocompatibility and Immune Response of a Newly Developed Volume-Stable Magnesium-Based Barrier Membrane in Combination with a PVD Coating for Guided Bone Regeneration (GBR). <i>Biomedicines</i> , 2020 , 8,	4.8	4

92	The Effect of Conditioned Media of Stem Cells Derived from Lipoma and Adipose Tissue on Macrophages' Response and Wound Healing in Indirect Co-culture System In Vitro. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
91	The Addition of High Doses of Hyaluronic Acid to a Biphasic Bone Substitute Decreases the Proinflammatory Tissue Response. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
90	Towards a modern approach to traditional use: in vitro and in vivo evaluation of <i>Alchemilla vulgaris</i> L. gel wound healing potential. <i>Journal of Ethnopharmacology</i> , 2019 , 238, 111789	5	14
89	Balancing Purification and Ultrastructure of Naturally Derived Bone Blocks for Bone Regeneration: Report of the Purification Effort of Two Bone Blocks. <i>Materials</i> , 2019 , 12,	3.5	1
88	PHYTOCHEMICAL ANALYSIS AND BIOLOGICAL ACTIVITY OF EXTRACTS OF LICHEN <i>PHYSICIA SEMIPINNATA</i> : AS A NEW SOURCE OF PHARMACOLOGICALLY ACTIVE COMPOUNDS. <i>Farmacia</i> , 2019 , 67, 346-353	1.7	3
87	THE EFFECT OF TEMPERATURE TREATMENT OF XENOGENEIC BONE SUBSTITUTE ON THE TISSUE RESPONSE & MINI REVIEW. <i>Acta Medica Medianae</i> , 2019 , 58, 131-137	0	3
86	HYPERSENSITIVITY POTENTIAL OF GYNECOLOGICAL DEVICES. <i>Acta Medica Medianae</i> , 2019 , 122-127	0	
85	The removal of heavy metal ions from aqueous solutions by hydrogels based on N-isopropylacrylamide and acrylic acid. <i>Polymer Bulletin</i> , 2018 , 75, 4797-4821	2.4	13
84	Spectroscopic Characterization of Cobalt (II) Complexes with Reduced Low-Molar Dextran Derivatives. <i>Acta Facultatis Medicae Naissensis</i> , 2018 , 35, 37-48	0.2	4
83	Bioactive Biomaterials: Potential for Application in Bone Regenerative Medicine 2018 , 333-360		4
82	Synthesis, spectroscopic and structural characterization of Co(II)-pullulan complexes by UV-Vis, ATR-FTIR, MALDI-TOF/TOF MS and XRD. <i>Carbohydrate Polymers</i> , 2018 , 200, 25-34	10.3	13
81	Denture base resins biocompatibility testing in vivo. <i>Vojnosanitetski Pregled</i> , 2018 , 75, 1094-1100	0.1	2
80	PRIMARY WOUND CARE AND EXTERNAL SKELETAL FIXATION IN SURGICAL TREATMENT OF OPEN TIBIAL FRACTURES. <i>Acta Medica Medianae</i> , 2018 , 57, 22-28	0	
79	RABBIT BONE TISSUE RESPONSE TO THE DEFECTS TREATED WITH DIFFERENT FIXATION METHODS. <i>Acta Medica Medianae</i> , 2018 , 57, 36-42	0	
78	MOLECULAR MECHANISMS OF POTENTIAL SYNERGISTIC EFFECT OF KETOPROFEN AND MELOXICAM WITH CONVENTIONAL CYTOSTATICS IN HUMAN CERVIX CANCER CELL LINE. <i>Acta Medica Medianae</i> , 2018 , 57, 52-59	0	
77	Determining the Biological Properties of Biomaterials In Vivo 2018 , 477-499		2
76	Stem Cells Derived from Lipoma and Adipose Tissue-Similar Mesenchymal Phenotype but Different Differentiation Capacity Governed by Distinct Molecular Signature. <i>Cells</i> , 2018 , 7,	7.9	11
75	In Vivo Analysis of the Biocompatibility and Macrophage Response of a Non-Resorbable PTFE Membrane for Guided Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	34

74	Osteogenic capacity of diluted platelet-rich plasma in ectopic bone-forming model: Benefits for bone regeneration. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018 , 46, 1911-1918	3.6	5
73	Instrumental methods and techniques for structural and physicochemical characterization of biomaterials and bone tissue: A review. <i>Materials Science and Engineering C</i> , 2017 , 79, 930-949	8.3	45
72	Spasmolytic, antimicrobial and cytotoxic activities of 5-phenylpentyl isothiocyanate, a new glucosinolate autolysis product from horseradish (<i>Armoracia rusticana</i> P. Gaertn., B. Mey. & Scherb., Brassicaceae). <i>Food Chemistry</i> , 2017 , 232, 329-339	8.5	28
71	Structural, thermal, mechanical, swelling, drug release, antibacterial and cytotoxic properties of P(HEA/IA)/PVP semi-IPN hydrogels. <i>Chemical Engineering Research and Design</i> , 2017 , 121, 368-380	5.5	10
70	Analysis of the degradation and the tissue response to bi-layered 3D-printed scaffolds combining PLA and biphasic PLA/bioglass components - Guidance of the inflammatory response as basis for osteochondral regeneration. <i>Bioactive Materials</i> , 2017 , 2, 208-223	16.7	63
69	Assessment of heavy metals in propolis and soil from the Pelagonia region, Republic of Macedonia. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2017 , 36,	1.1	5
68	The Influence of Nanomaterial Calcium Phosphate/poly-(dl-lactide-co-glycolide) on Proliferation and Adherence of HeLa Cells 2017 , 387-400		1
67	BONE TISSUE ENGINEERING BASED ON BONE MARROW IN BLOOD CLOT LOADED ON MINERAL MATRIX CARRIER: EXPERIMENTAL STUDY IN SUBCUTANEOUS MICE MODEL. <i>Acta Medica Medianae</i> , 2017 , 56, 5-11	0	1
66	Effects of bone tissue engineering triad components on vascularization process: comparative gene expression and histological evaluation in an ectopic bone-forming model. <i>Biotechnology and Biotechnological Equipment</i> , 2016 , 30, 1122-1131	1.6	7
65	Scanning Electron Microscopy Analysis of Changes of Hydroxyapatite/Poly-L-Lactide with Different Molecular Weight of PLLA after Intraperitoneal Implantation. <i>Acta Veterinaria</i> , 2016 , 66, 234-244	0.9	
64	In Vitro Evaluation of Nanoscale Hydroxyapatite-Based Bone Reconstructive Materials with Antimicrobial Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 1420-8	1.3	6
63	Results of open tibial fracture treatment using external fixation. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2016 , 144, 293-299	0.2	5
62	SEM-EDX Analysis of Bio-Oss® Granules After Incubation In Cell Culture Medium 2016 , 259-264		3
61	Chemical composition and biological activity of the plum seed extract. <i>Advanced Technologies</i> , 2016 , 5, 38-45	0.5	13
60	OPTICAL DENSITY OF CORTICAL BONE MATRIX IS DIMINISHED IN EXPERIMENTALLY INDUCED OSTEOPOROSIS. <i>Acta Medica Medianae</i> , 2016 , 55, 35-39	0	
59	Synthesis, Swelling Properties and Evaluation of Genotoxicity of Hydrogels Based on (Meth)acrylates and Itaconic Acid. <i>Materials Research</i> , 2016 , 19, 1070-1079	1.5	7
58	In vitro cytotoxicity assessment of intelligent acrylate based hydrogels with incorporated copper in wound management. <i>Materials Chemistry and Physics</i> , 2016 , 175, 158-163	4.4	7
57	Ectopic osteogenic capacity of freshly isolated adipose-derived stromal vascular fraction cells supported with platelet-rich plasma: A simulation of intraoperative procedure. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016 , 44, 1750-1760	3.6	15

56	Comparative Study of the Biological Activity of Allantoin and Aqueous Extract of the Comfrey Root. <i>Phytotherapy Research</i> , 2015 , 29, 1117-22	6.7	23
55	Osteogenic potential of in vitro osteo-induced adipose-derived mesenchymal stem cells combined with platelet-rich plasma in an ectopic model. <i>International Orthopaedics</i> , 2015 , 39, 2173-80	3.8	25
54	The Influence of Adipose-Derived Stem Cells Induced into Endothelial Cells on Ectopic Vasculogenesis and Osteogenesis. <i>Cellular and Molecular Bioengineering</i> , 2015 , 8, 577-590	3.9	15
53	Enhanced Osteogenesis of Nanosized Cobalt-substituted Hydroxyapatite. <i>Journal of Bionic Engineering</i> , 2015 , 12, 604-612	2.7	27
52	Addition of blood to a phyogenic bone substitute leads to increased in vivo vascularization. <i>Biomedical Materials (Bristol)</i> , 2015 , 10, 055007	3.5	35
51	Effects on MC3T3-E1 Cells and In Silico Toxicological Study of Two 6-(Propan-2-yl)-4-methyl-morpholine-2,5-diones. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	1000
50	Biological evaluation of synthesized allicin and its transformation products obtained by microwaves in methanol: antioxidant activity and effect on cell growth. <i>Biotechnology and Biotechnological Equipment</i> , 2015 , 29, 189-194	1.6	8
49	Locally applied cholecalciferol and alfacalcidol act differently on healing of femur defects filled with bone mineral matrix and platelet-rich plasma in ovariectomized rats. <i>Biotechnology and Biotechnological Equipment</i> , 2015 , 29, 963-969	1.6	5
48	Oxidant and antioxidant status in experimental rat testis after testicular torsion/detorsion. <i>International Journal of Fertility & Sterility</i> , 2015 , 9, 121-8	1.9	15
47	Osteogenic effect of inflammatory macrophages loaded onto mineral bone substitute in subcutaneous implants. <i>Archives of Biological Sciences</i> , 2015 , 67, 173-186	0.7	15
46	The identification and quantification of bioactive compounds from the aqueous extract of comfrey root by UHPLC-DAD-HESI-MS method and its microbial activity. <i>Hemijaska Industrija</i> , 2015 , 69, 1-8	0.6	8
45	Artificial saliva effect on toxic substances release from acrylic resins. <i>Vojnosanitetski Pregled</i> , 2015 , 72, 899-905	0.1	4
44	Crosstalk between possible cytostatic and antiinflammatory potential of ketoprofen in the treatment of culture of colon and cervix cancer cell lines. <i>Bratislava Medical Journal</i> , 2015 , 116, 227-32	1.7	4
43	Chemopreventive potential of alpha lipoic acid in the treatment of colon and cervix cancer cell lines. <i>Bratislava Medical Journal</i> , 2014 , 115, 611-6	1.7	9
42	The rabbit gingival tissue response to retraction liquids and tetrahydrozoline. <i>Vojnosanitetski Pregled</i> , 2014 , 71, 46-51	0.1	5
41	Spectroscopic characterization of bone tissue of experimental animals after glucocorticoid treatment and recovery period. <i>Journal of Molecular Structure</i> , 2014 , 1074, 315-320	3.4	5
40	Secular changes in cephalic index-a study of Serbian school children. <i>Genetika</i> , 2014 , 46, 561-568	0.6	1
39	Examination of adherence of dental acrylic polymers in vivo. <i>Acta Stomatologica Naissi</i> , 2014 , 30, 1383-1392	1.3	2

38	Pharmacotherapeutic aspects of the application of Alpha-lipoic acid as an antioxidant. <i>Hrana I Ishrana</i> , 2014 , 55, 48-53	0.1	1
37	Antioxidative responses to seasonal changes and chemiluminescence assay of Astragalus onobrychis leaves extract. <i>Open Chemistry</i> , 2013 , 11, 123-132	1.6	
36	A comparison of the microarchitecture of lower limb long bones between some animal models and humans: a review. <i>Veterinarni Medicina</i> , 2013 , 58, 339-351	0.7	7
35	Nanoparticles of cobalt-substituted hydroxyapatite in regeneration of mandibular osteoporotic bones. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 343-54	4.5	69
34	Distal tibial pilon fractures (AO/OTA type B, and C) treated with the external skeletal and minimal internal fixation method. <i>Vojnosanitetski Pregled</i> , 2013 , 70, 836-41	0.1	3
33	External Fixation in the Management of Closed Segmental Tibial Fractures. <i>Acta Facultatis Medicae Naissensis</i> , 2013 , 30, 37-44	0.2	
32	Treatment of open tibial fracture with bone defect caused by high velocity missiles: a case report. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2013 , 141, 693-7	0.2	
31	PRIMENA TESTA DIREKTOG KONTAKTA U ISPITIVANJU CITOTOKSICNOSTI STOMATOPROTETSKIH AKRILATA. <i>Acta Medica Medianae</i> , 2013 , 66-72	0	
30	UPOREDNI PREGLED SREDSTAVA ZA RETRAKCIJU GINGIVE. <i>Acta Medica Medianae</i> , 2013 , 81-84	0	
29	GASNA GANGRENA NAKON OTVORENOG PRELOMA POTKOLENICE PRIKAZ BOLESNIKA. <i>Acta Medica Medianae</i> , 2013 , 25-30	0	
28	Folic Acid Effect on Arginase Activity in Human Colostrum and Mature Milk. <i>Pteridines</i> , 2012 , 23, 33-38b	0.6	3
27	Apatite formation on nanomaterial calcium phosphate/poly-DL-lactide-co-glycolide in simulated body fluid. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012 , 10, 43-8	1.8	4
26	APPLICATION OF DIRECT CONTACT TEST IN EVALUATION OF CYTOTOXICITY OF ACRYLIC DENTURE BASE RESINS. <i>Acta Medica Medianae</i> , 2012 , 66-72	0	6
25	COMPARATIVE REVIEW OF GINGIVAL RETRACTION AGENTS. <i>Acta Medica Medianae</i> , 2012 , 81-84	0	4
24	Circulating ribonucleic acids and metabolic stress parameters may reflect progression of autoimmune or inflammatory conditions in juvenile type 1 diabetes. <i>Scientific World Journal, The</i> , 2011 , 11, 1496-508	2.2	4
23	A study of the antioxidants in <i>Oxytropis pilosa</i> (L.) DC.. <i>Journal of the Serbian Chemical Society</i> , 2011 , 76, 505-512	0.9	4
22	INTERACTION OF BIOMATERIALS CONTAINING CALCIUM HYDROXYAPATITE/POLY-L-LACTIDE WITH THE SIMULATED BODY FLUID. <i>Acta Medica Medianae</i> , 2011 , 35-39	0	2
21	DAMAGE CONTROL STRATEGY IN THE TREATMENT OF POLYTRAUMA PATIENTS WITH OPEN FEMORAL SHAFT FRACTURE COMBINED WITH SPLENIC RUPTURE - A CASE REPORT. <i>Acta Medica Medianae</i> , 2011 , 58-62	0	

20	Testing of residual monomer content reduction possibility on acrylic resins quality. <i>Hemijaska Industrija</i> , 2011 , 65, 171-177	0.6	10
19	In vitro examination of oral tissue conditioners potential toxicity. <i>Hemijaska Industrija</i> , 2011 , 65, 697-706	0.6	8
18	The isolation, analytical characterization by HPLC-UV and NMR spectroscopy, cytotoxic and antioxidant activities of baecomycesic acid from <i>Thamnia vermicularis</i> var. <i>subuliformis</i> . <i>Hemijaska Industrija</i> , 2011 , 65, 591-598	0.6	
17	Stem cell-based dental tissue engineering. <i>Scientific World Journal, The</i> , 2010 , 10, 901-16	2.2	8
16	Treatment of open tibial shaft fracture with soft tissue and bone defect caused by aircraft bomb--case report. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2010 , 138, 510-4	0.2	1
15	Synthesis and characterization of poly(2-hydroxyethyl methacrylate/itaconic acid) copolymeric hydrogels. <i>Polymer Bulletin</i> , 2009 , 63, 837-851	2.4	34
14	Ectopic osteogenesis and hematopoiesis after implantation of bone marrow cells seeded on HAP/PLLA scaffold. <i>Hemijaska Industrija</i> , 2009 , 63, 301-307	0.6	4
13	PC-1 (ENPP1) K121Q polymorphism in overweight and obese type 2 diabetic coronary heart disease patients. <i>Acta Cardiologica</i> , 2008 , 63, 323-30	0.9	4
12	Nanomaterial N-CP/DLPLG as potential tissue graft in osteoreparation in combination with bone marrow cells on subcutaneous implantation model. <i>Hemijaska Industrija</i> , 2008 , 62, 205-210	0.6	6
11	Effect of denture base resin extracts on HeLa cells growth in vitro. <i>Hemijaska Industrija</i> , 2008 , 62, 217-222	0.6	
10	The role of synthetic biomaterials in resorptive alveolar bone regeneration. <i>Hemijaska Industrija</i> , 2007 , 61, 96-100	0.6	1
9	Different way of LMP/TAP/MHC gene clustering in vertebrates, viviparity and anti-tumor immunity failure. <i>Animal Cells and Systems</i> , 2005 , 9, 1-7		
8	Repair of bone tissue affected by osteoporosis with hydroxyapatite-poly-L-lactide (HAP-PLLA) with and without blood plasma. <i>Journal of Biomaterials Applications</i> , 2005 , 20, 179-90	2.9	21
7	Origin and evolution of viruses: escaped DNA/RNA sequences as evolutionary accelerators and natural biological weapons. <i>Medical Hypotheses</i> , 2005 , 65, 868-72	3.8	4
6	Comparative Oncology and Comparative Tumor Immunology. <i>Journal of Biological Sciences</i> , 2005 , 5, 114-118	1.4	5
5	Failure of anti-tumor immunity in mammals--evolution of the hypothesis. <i>Acta Biotheoretica</i> , 2004 , 52, 57-64	1.1	6
4	Application of biomaterials in experimentally induced alveolar bone osteoporosis. <i>Serbian Dental Journal</i> , 2003 , 50, 13-17	0.3	
3	A study of HAP/PLLA composite as a substitute for bone powder, using FT-IR spectroscopy. <i>Biomaterials</i> , 2001 , 22, 571-5	15.6	118

2	Reversal of experimental myoglobinuric acute renal failure with bioflavonoids from seeds of grape. <i>Renal Failure</i> , 2000 , 22, 255-66	2.9	29
1	Application of Adipose-Derived Stem Cells in Treatment of Bone Tissue Defects		1