

Gregor Sersa

List of Publications by Year in descending order

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Version: 2024-02-01

289
papers

13,782
citations

20817

60
h-index

28297

105
g-index

297
all docs

297
docs citations

297
times ranked

6016
citing authors

#	ARTICLE	IF	CITATIONS
1	Maintenance and gene electrotransfer efficiency of antibiotic resistance gene-free plasmids encoding mouse, canine and human interleukin-12 orthologues. <i>Heliyon</i> , 2022, 8, e08879.	3.2	3
2	Sunitinib potentiates the cytotoxic effect of electrochemotherapy in pancreatic carcinoma cells. <i>Radiology and Oncology</i> , 2022, 56, 164-172.	1.7	6
3	Atmospheric pressure plasma jet-mouse skin interaction: Mitigation of damages by liquid interface and gas flow control. <i>Biointerphases</i> , 2022, 17, 021004.	1.6	4
4	Prospective cohort study by InspECT on safety and efficacy of electrochemotherapy for cutaneous tumors and metastases depending on ulceration. <i>JDDG - Journal of the German Society of Dermatology</i> , 2022, 20, 470-481.	0.8	1
5	Expression of DNA-damage response and repair genes after exposure to DNA-damaging agents in isogenic head and neck cells with altered radiosensitivity. <i>Radiology and Oncology</i> , 2022, 56, 173-184.	1.7	4
6	Prospektive Kohortenstudie von InspECT zur Sicherheit und Wirksamkeit der Elektrochemotherapie bei Hauttumoren und Metastasen in Abhängigkeit von Ulzeration. <i>JDDG - Journal of the German Society of Dermatology</i> , 2022, 20, 470-482.	0.8	0
7	Treatment of skin tumors with intratumoral interleukin 12 gene electrotransfer in the head and neck region: a first-in-human clinical trial protocol. <i>Radiology and Oncology</i> , 2022, 56, 398-408.	1.7	12
8	Speciation of copper in human serum using conjoint liquid chromatography on short-bed monolithic disks with UV and post column ID-ICP-MS detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1675-1686.	3.0	4
9	Outcomes of older adults aged 90 and over with cutaneous malignancies after electrochemotherapy with bleomycin: A matched cohort analysis from the InspECT registry. <i>European Journal of Surgical Oncology</i> , 2021, 47, 902-912.	1.0	15
10	Analysing Mouse Skin Cell Behaviour under a Non-Thermal kHz Plasma Jet. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1266.	2.5	3
11	Literature Review and Our Experience With Bleomycin-Based Electrochemotherapy for Cutaneous Vulvar Metastases From Endometrial Cancer. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382110101.	1.9	5
12	Electrochemotherapy in Mucosal Cancer of the Head and Neck: A Systematic Review. <i>Cancers</i> , 2021, 13, 1254.	3.7	18
13	Evaluation of a Novel Plasmid for Simultaneous Gene Electrotransfer-Mediated Silencing of CD105 and CD146 in Combination with Irradiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3069.	4.1	5
14	Potential of electrochemotherapy effectiveness by immunostimulation with IL-12 gene electrotransfer in mice is dependent on tumor immune status. <i>Journal of Controlled Release</i> , 2021, 332, 623-635.	9.9	25
15	Abstract PO-099: Overexpression of proinflammatory chemokines CCL5 and CCL17 after gene electrotransfer to murine tumors modifies their cytokine expression profile and leads to tumor cures in combination with tumor irradiation. , 2021, , .		0
16	Results of Dynamic Contrast-Enhanced Ultrasound Correlate With Treatment Outcome in Canine Neoplasia Treated With Electrochemotherapy and Interleukin-12 Plasmid Electrotransfer. <i>Frontiers in Veterinary Science</i> , 2021, 8, 679073.	2.2	2
17	High-Frequency and High-Voltage Asymmetric Bipolar Pulse Generator for Electroporation Based Technologies and Therapies. <i>Electronics (Switzerland)</i> , 2021, 10, 1203.	3.1	10
18	A Systematic Review about Imaging and Histopathological Findings for Detecting and Evaluating Electroporation Based Treatments Response. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5592.	2.6	19

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19	High spatial resolution imaging of cisplatin and Texas Red cisplatin in tumour spheroids using laser ablation isotope dilution inductively coupled plasma mass spectrometry and confocal fluorescence microscopy. <i>Analytica Chimica Acta</i> , 2021, 1162, 338424.	5.4	12
20	Tumor perfusion evaluation using dynamic contrast-enhanced ultrasound after electrochemotherapy and IL-12 plasmid electrotransfer in murine melanoma. <i>Scientific Reports</i> , 2021, 11, 13446.	3.3	0
21	Combination of Pembrolizumab with Electrochemotherapy in Cutaneous Metastases from Melanoma: A Comparative Retrospective Study from the InspECT and Slovenian Cancer Registry. <i>Cancers</i> , 2021, 13, 4289.	3.7	30
22	Mutational burden, MHC-I expression and immune infiltration as limiting factors for in situ vaccination by TNF α and IL-12 gene electrotransfer. <i>Bioelectrochemistry</i> , 2021, 140, 107831.	4.6	8
23	Bleomycin Concentration in Patients' Plasma and Tumors after Electrochemotherapy. A Study from InspECT Group. <i>Pharmaceutics</i> , 2021, 13, 1324.	4.5	5
24	Gene electrotransfer of proinflammatory chemokines CCL5 and CCL17 as a novel approach of modifying cytokine expression profile in the tumor microenvironment. <i>Bioelectrochemistry</i> , 2021, 140, 107795.	4.6	5
25	Biological factors of the tumour response to electrochemotherapy: Review of the evidence and a research roadmap. <i>European Journal of Surgical Oncology</i> , 2021, 47, 1836-1846.	1.0	25
26	PARP inhibitor olaparib has a potential to increase the effectiveness of electrochemotherapy in BRCA1 mutated breast cancer in mice. <i>Bioelectrochemistry</i> , 2021, 140, 107832.	4.6	5
27	Gene electrotransfer of IL-2 and IL-12 plasmids effectively eradicated murine B16.F10 melanoma. <i>Bioelectrochemistry</i> , 2021, 141, 107843.	4.6	16
28	Contactless delivery of plasmid encoding EGFP in vivo by high-intensity pulsed electromagnetic field. <i>Bioelectrochemistry</i> , 2021, 141, 107847.	4.6	6
29	Contrast-enhanced ultrasound for evaluation of tumor perfusion and outcome following treatment in a murine melanoma model. <i>Bioelectrochemistry</i> , 2021, 142, 107932.	4.6	1
30	Non-Clinical In Vitro Evaluation of Antibiotic Resistance Gene-Free Plasmids Encoding Human or Murine IL-12 Intended for First-in-Human Clinical Study. <i>Pharmaceutics</i> , 2021, 13, 1739.	4.5	8
31	Combining Electrochemotherapy with Targeted Therapy Olaparib in vitro. <i>IFMBE Proceedings</i> , 2021, , 247-253.	0.3	0
32	Interleukin-12 Gene Electrotransfer in Veterinary Oncology. , 2021, , 253-276.		0
33	New era of electrochemotherapy in treatment of liver tumors in conjunction with immunotherapies. <i>World Journal of Gastroenterology</i> , 2021, 27, 8216-8226.	3.3	14
34	A Dedicated Checklist to Improve the Quality of Reporting in Electrochemotherapy and Enable Comparisons with Other Skin-directed Therapies. <i>Clinical Oncology</i> , 2020, 32, e127-e128.	1.4	0
35	Health-related quality of life in dogs treated with electrochemotherapy and/or interleukin-12 gene electrotransfer. <i>Veterinary Medicine and Science</i> , 2020, 6, 290-298.	1.6	17
36	Electrochemotherapy in the treatment of cutaneous malignancy: Outcomes and subgroup analysis from the cumulative results from the pan-European International Network for Sharing Practice in Electrochemotherapy database for 2482 lesions in 987 patients (2008-2019). <i>European Journal of Cancer</i> , 2020, 138, 30-40.	2.8	60

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37	Electroporation-Based Treatments in Small Animal Veterinary Oral and Maxillofacial Oncology. <i>Frontiers in Veterinary Science</i> , 2020, 7, 575911.	2.2	13
38	Safety and Feasibility of Electrochemotherapy of the Pancreas in a Porcine Model. <i>Pancreas</i> , 2020, 49, 1168-1173.	1.1	10
39	Radiation Induced Upregulation of DNA Sensing Pathways is Cell-Type Dependent and Can Mediate the Off-Target Effects. <i>Cancers</i> , 2020, 12, 3365.	3.7	12
40	Early Cost-effectiveness Analysis of Electrochemotherapy as a Prospect Treatment Modality for Skin Melanoma. <i>Clinical Therapeutics</i> , 2020, 42, 1535-1548.e2.	2.5	6
41	A Prospective Phase II Study Evaluating Intraoperative Electrochemotherapy of Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 3778.	3.7	22
42	Intratumoral Gene Electrotransfer of Plasmid DNA Encoding shRNA against Melanoma Cell Adhesion Molecule Radiosensitizes Tumors by Antivascular Effects and Activation of an Immune Response. <i>Vaccines</i> , 2020, 8, 135.	4.4	11
43	Development of Tumor Cell-Based Vaccine with IL-12 Gene Electrotransfer as Adjuvant. <i>Vaccines</i> , 2020, 8, 111.	4.4	10
44	Electrotransfer of siRNA to Silence Enhanced Green Fluorescent Protein in Tumor Mediated by a High Intensity Pulsed Electromagnetic Field. <i>Vaccines</i> , 2020, 8, 49.	4.4	12
45	Synergistic effect of cisplatin chemotherapy combined with fractionated radiotherapy regimen in HPV-positive and HPV-negative experimental pharyngeal squamous cell carcinoma. <i>Scientific Reports</i> , 2020, 10, 1563.	3.3	13
46	Intraoperative electrochemotherapy of colorectal liver metastases: A prospective phase II study. <i>European Journal of Surgical Oncology</i> , 2020, 46, 1628-1633.	1.0	30
47	Long term response of electrochemotherapy with reduced dose of bleomycin in elderly patients with head and neck non-melanoma skin cancer. <i>Radiology and Oncology</i> , 2020, 54, 79-85.	1.7	19
48	Pulsed low dose-rate irradiation response in isogenic HNSCC cell lines with different radiosensitivity. <i>Radiology and Oncology</i> , 2020, 54, 168-179.	1.7	9
49	Percutaneous image guided electrochemotherapy of hepatocellular carcinoma: technological advancement. <i>Radiology and Oncology</i> , 2020, 54, 347-352.	1.7	25
50	Electrochemotherapy for advanced cutaneous angiosarcoma: A European register-based cohort study from the International Network for Sharing Practices of electrochemotherapy (InspECT). <i>International Journal of Surgery</i> , 2019, 72, 34-42.	2.7	24
51	Intradermal DNA vaccination combined with dual CTLA-4 and PD-1 blockade provides robust tumor immunity in murine melanoma. <i>PLoS ONE</i> , 2019, 14, e0217762.	2.5	18
52	Electrochemotherapy of superficial tumors – Current status:. <i>Seminars in Oncology</i> , 2019, 46, 173-191.	2.2	80
53	Electrochemotherapy in the treatment of cutaneous malignancy; outcomes and subgroup analysis from the cumulative results from the pan- European InspECT Database for 1478 lesions in 691 patients (2008-2018). <i>European Journal of Surgical Oncology</i> , 2019, 45, e19.	1.0	2
54	Large Liver Blood Vessels and Bile Ducts Are Not Damaged by Electrochemotherapy with Bleomycin in Pigs. <i>Scientific Reports</i> , 2019, 9, 3649.	3.3	39

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55	Electrochemotherapy of radioresistant head and neck squamous cell carcinoma cells and tumor xenografts. <i>Oncology Reports</i> , 2019, 41, 1658-1668.	2.6	15
56	Mechanisms of different response to ionizing irradiation in isogenic head and neck cancer cell lines. <i>Radiation Oncology</i> , 2019, 14, 214.	2.7	18
57	Recent Advances in Electrochemotherapy. <i>Bioelectricity</i> , 2019, 1, 204-213.	1.1	47
58	A combination of electrochemotherapy, gene electrotransfer of plasmid encoding canine IL-12 and cytoreductive surgery in the treatment of canine oral malignant melanoma. <i>Research in Veterinary Science</i> , 2019, 122, 40-49.	1.9	36
59	Electrochemotherapy with cisplatin for the treatment of a non-operable cutaneous fibroma in a cockatiel (<i>Nymphicus hollandicus</i>). <i>New Zealand Veterinary Journal</i> , 2019, 67, 155-158.	0.9	6
60	Electrochemotherapy with Bleomycin in the Treatment of Squamous Cell Carcinoma of the Uropygial Gland in a Cockatiel (<i>Nymphicus Hollandicus</i>). <i>Journal of Exotic Pet Medicine</i> , 2019, 29, 217-221.	0.4	5
61	Electrochemotherapy – Emerging applications technical advances, new indications, combined approaches, and multi-institutional collaboration. <i>European Journal of Surgical Oncology</i> , 2019, 45, 92-102.	1.0	138
62	Radiological findings of porcine liver after electrochemotherapy with bleomycin. <i>Radiology and Oncology</i> , 2019, 53, 415-426.	1.7	14
63	Increased permeability of blood vessels after reversible electroporation is facilitated by alterations in endothelial cell-to-cell junctions. <i>Journal of Controlled Release</i> , 2018, 276, 30-41.	9.9	41
64	Antitumor in situ vaccination effect of TNF α and IL-12 plasmid DNA electrotransfer in a murine melanoma model. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 785-795.	4.2	25
65	Vascularization of the tumours affects the pharmacokinetics of bleomycin and the effectiveness of electrochemotherapy. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 247-256.	2.5	19
66	Electrochemotherapy as treatment option for hepatocellular carcinoma, a prospective pilot study. <i>European Journal of Surgical Oncology</i> , 2018, 44, 651-657.	1.0	71
67	Recommendations and requirements for reporting on applications of electric pulse delivery for electroporation of biological samples. <i>Bioelectrochemistry</i> , 2018, 122, 69-76.	4.6	45
68	Peritumoral gene electrotransfer of interleukin-12 as an adjuvant immunotherapy to intratumoral electrochemotherapy for murine melanoma treatment. <i>European Journal of Cancer</i> , 2018, 92, S16-S17.	2.8	0
69	Updated standard operating procedures for electrochemotherapy of cutaneous tumours and skin metastases. <i>Acta Oncologica</i> , 2018, 57, 874-882.	1.8	256
70	Antitumor effect of antibiotic resistance gene-free plasmids encoding interleukin-12 in canine melanoma model. <i>Cancer Gene Therapy</i> , 2018, 25, 260-273.	4.6	16
71	Inhibition of the Innate Immune Receptors for Foreign DNA Sensing Improves Transfection Efficiency of Gene Electrotransfer in Melanoma B16F10 Cells. <i>Journal of Membrane Biology</i> , 2018, 251, 179-185.	2.1	6
72	Comparable effectiveness and immunomodulatory actions of oxaliplatin and cisplatin in electrochemotherapy of murine melanoma. <i>Bioelectrochemistry</i> , 2018, 119, 161-171.	4.6	36

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73	Efficiency of electrochemotherapy with reduced bleomycin dose in the treatment of nonmelanoma head and neck skin cancer: Preliminary results. <i>Head and Neck</i> , 2018, 40, 120-125.	2.0	33
74	Dose-Modifying Factor of Radiation Therapy with Concurrent Cisplatin Treatment in HPV-Positive Squamous Cell Carcinoma: A Preclinical Study. <i>Radiation Research</i> , 2018, 189, 644.	1.5	11
75	Multiparametric High-Resolution MRI as a Tool for Mapping of Hypoxic Level in Tumors. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381879706.	1.9	5
76	Effect of calcium electroporation on tumour vasculature. <i>Scientific Reports</i> , 2018, 8, 9412.	3.3	39
77	Electrotransfer of Different Control Plasmids Elicits Different Antitumor Effectiveness in B16.F10 Melanoma. <i>Cancers</i> , 2018, 10, 37.	3.7	23
78	Clinically Usable Interleukin 12 Plasmid without an Antibiotic Resistance Gene: Functionality and Toxicity Study in Murine Melanoma Model. <i>Cancers</i> , 2018, 10, 60.	3.7	14
79	Connecting the in vitro and in vivo experiments in electrochemotherapy - a feasibility study modeling cisplatin transport in mouse melanoma using the dual-porosity model. <i>Journal of Controlled Release</i> , 2018, 286, 33-45.	9.9	18
80	Intravital Monitoring of Vasculature After Targeted Gene Therapy Alone or Combined With Tumor Irradiation. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381878420.	1.9	3
81	Electrochemotherapy with cisplatin or bleomycin in head and neck squamous cell carcinoma: Improved effectiveness of cisplatin in HPV-positive tumors. <i>Bioelectrochemistry</i> , 2018, 123, 248-254.	4.6	16
82	Ultrasonographic changes in the liver tumors as indicators of adequate tumor coverage with electric field for effective electrochemotherapy. <i>Radiology and Oncology</i> , 2018, 52, 383-391.	1.7	21
83	Study design of a medical device pre-market assessment: a case study on electrochemotherapy. <i>ZdravniÅki Vestnik</i> , 2018, 87, .	0.1	2
84	Electrotransfer of plasmid DNA radiosensitizes B16F10 tumors through activation of immune response. <i>Radiology and Oncology</i> , 2017, 51, 30-39.	1.7	19
85	Tailor-made fibroblast-specific and antibiotic-free interleukin 12 plasmid for gene electrotransfer-mediated cancer immunotherapy. <i>Plasmid</i> , 2017, 89, 9-15.	1.4	12
86	Gene electrotransfer into skin using noninvasive multi-electrode array for vaccination and wound healing. <i>Bioelectrochemistry</i> , 2017, 114, 33-41.	4.6	35
87	<i>In vitro</i> and <i>in vivo</i> evaluation of electrochemotherapy with <i>trans</i> -platinum analogue $\text{trans-[PtCl}_2\text{(3-Hmpy)}_2\text{]}$. <i>Radiology and Oncology</i> , 2017, 51, 295-306.	1.7	9
88	Effects of electrochemotherapy with cisplatin and peritumoral IL-12 gene electrotransfer on canine mast cell tumors: a histopathologic and immunohistochemical study. <i>Radiology and Oncology</i> , 2017, 51, 286-294.	1.7	27
89	Blood Flow Modifying and Vascular-Disrupting Effects of Electroporation and Electrochemotherapy. , 2017, , 691-705.		1
90	Preclinical Studies on Electrochemotherapy. , 2017, , 1511-1525.		5

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91	Effects of Reversible and Irreversible Electroporation on Endothelial Cells and Tissue Blood Flow. , 2017, , 607-620.		4
92	Predicting irreversible electroporation-induced tissue damage by means of magnetic resonance electrical impedance tomography. Scientific Reports, 2017, 7, 10323.	3.3	24
93	European Research on Electrochemotherapy in Head and Neck Cancer (EURECA) project: Results from the treatment of mucosal cancers. European Journal of Cancer, 2017, 87, 172-181.	2.8	72
94	Keratin gene mutations influence the keratinocyte response to DNA damage and cytokine induced apoptosis. Archives of Dermatological Research, 2017, 309, 587-593.	1.9	2
95	Efficacy and safety of electrochemotherapy combined with peritumoral IL-12 gene electrotransfer of canine mast cell tumours. Veterinary and Comparative Oncology, 2017, 15, 641-654.	1.8	66
96	Medical Applications. , 2017, , 275-388.		2
97	Gene Electrotransfer of Plasmid-Encoding IL-12 Recruits the M1 Macrophages and Antigen-Presenting Cells Inducing the Eradication of Aggressive B16F10 Murine Melanoma. Mediators of Inflammation, 2017, 2017, 1-11.	3.0	27
98	Adjuvant Immunotherapy as a Tool to Boost Effectiveness of Electrochemotherapy. , 2017, , 1917-1932.		1
99	Electrochemotherapy and Its Clinical Applications. , 2017, , 1771-1786.		4
100	Histopathological findings in colorectal liver metastases after electrochemotherapy. PLoS ONE, 2017, 12, e0180709.	2.5	42
101	Electrochemotherapy with bleomycin of different types of cutaneous tumours in a ferret (Mustela putorius furo). PLoS ONE, 2017, 12, e0180709.	1.7	12
102	Combined Treatment of Electrochemotherapy with Irradiation. , 2017, , 1699-1715.		1
103	Electrochemotherapy and Its Clinical Applications. , 2017, , 1-16.		0
104	Antiangiogenic Gene Therapy. , 2017, , 1623-1636.		0
105	Electrochemotherapy and Gene Electrotransfer in Veterinary Oncology. , 2017, , 1969-1983.		0
106	Electrochemotherapy of Breast Cancer. , 2017, , 863-874.		0
107	Electrotransfer of Plasmid DNA Encoding an Anti-Mouse Endoglin (CD105) shRNA to B16 Melanoma Tumors with Low and High Metastatic Potential Results in Pronounced Anti-Tumor Effects. Cancers, 2016, 8, 3.	3.7	18
108	Electrochemotherapy by pulsed electromagnetic field treatment (PEMF) in mouse melanoma B16F10 <i>in vivo</i> . Radiology and Oncology, 2016, 50, 39-48.	1.7	48

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109	Bystander Effect Induced by Electroporation is Possibly Mediated by Microvesicles and Dependent on Pulse Amplitude, Repetition Frequency and Cell Type. <i>Journal of Membrane Biology</i> , 2016, 249, 703-711.	2.1	9
110	Electrochemotherapy as a single treatment or adjuvant treatment to surgery of cutaneous sarcoid tumours in horses: a 31â€case retrospective study. <i>Veterinary Record</i> , 2016, 179, 627-627.	0.3	33
111	Electrochemotherapy with bleomycin is effective in BRAF mutated melanoma cells and interacts with BRAF inhibitors. <i>Radiology and Oncology</i> , 2016, 50, 274-279.	1.7	24
112	Tumor radiosensitization by gene therapy against endoglin. <i>Cancer Gene Therapy</i> , 2016, 23, 214-220.	4.6	16
113	Bleomycin pharmacokinetics of bolus bleomycin dose in elderly cancer patients treated with electrochemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 939-947.	2.3	38
114	Magnetic field contributes to the cellular uptake for effective therapy with magnetofection using plasmid DNA encoding against <i>Mcam</i> in B16F10 melanoma <i>in vivo</i> . <i>Nanomedicine</i> , 2016, 11, 627-641.	3.3	20
115	Adjuvant Immunotherapy as a Tool to Boost Effectiveness of Electrochemotherapy. , 2016, , 1-16.		0
116	European Research on Electrochemotherapy in Head and Neck Cancer (EURECA) project: Results of the treatment of skin cancer. <i>European Journal of Cancer</i> , 2016, 63, 41-52.	2.8	137
117	Electrotransfer parameters as a tool for controlled and targeted gene expression in skin. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e356.	5.1	27
118	Identification and quantification of bleomycin in serum and tumor tissue by liquid chromatography coupled to high resolution mass spectrometry. <i>Talanta</i> , 2016, 160, 164-171.	5.5	32
119	Operating Procedures of the Electrochemotherapy for Treatment of Tumor in Dogs and Cats. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	20
120	Recommendations for improving the quality of reporting clinical electrochemotherapy studies based on qualitative systematic review. <i>Radiology and Oncology</i> , 2016, 50, 1-13.	1.7	101
121	Clinical potential of electroporation for gene therapy and DNA vaccine delivery. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 295-310.	5.0	183
122	Proper Patient and Treatment Parameters Selection for Electrochemotherapy of Deep Seated Head and Neck Tumors. <i>IFMBE Proceedings</i> , 2016, , 275-279.	0.3	0
123	Utilization of Multi-array Electrodes for Delivery of Drugs and Genes in the Mouse Skin. <i>IFMBE Proceedings</i> , 2016, , 321-324.	0.3	4
124	Effectiveness of electrochemotherapy after IFN- γ adjuvant therapy of melanoma patients. <i>Radiology and Oncology</i> , 2016, 50, 21-27.	1.7	19
125	Electrochemotherapy and Gene Electrotransfer in Veterinary Oncology. , 2016, , 1-15.		0
126	Blood Flow Modifying and Vascular-Disrupting Effects of Electroporation and Electrochemotherapy. , 2016, , 1-15.		0

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127	Effects of Reversible and Irreversible Electroporation on Endothelial Cells and Tissue Blood Flow. , 2016, , 1-14.		0
128	Antiangiogenic Gene Therapy. , 2016, , 1-14.		0
129	Preclinical Studies on Electrochemotherapy. , 2016, , 1-15.		1
130	Adjuvant Immunotherapy as a Tool to Boost Effectiveness of Electrochemotherapy. , 2016, , 1-16.		0
131	Combined Treatment of Electrochemotherapy with Irradiation. , 2016, , 1-17.		0
132	Coupling treatment planning with navigation system: a new technological approach in treatment of head and neck tumors by electrochemotherapy. BioMedical Engineering OnLine, 2015, 14, S2.	2.7	55
133	Electrochemotherapy of colorectal liver metastases - an observational study of its effects on the electrocardiogram. BioMedical Engineering OnLine, 2015, 14, S5.	2.7	43
134	Variation in dielectric properties due to pathological changes in human liver. Bioelectromagnetics, 2015, 36, 603-612.	1.6	87
135	Inhibitor of endocytosis impairs gene electrotransfer to mouse muscle in vivo. Bioelectrochemistry, 2015, 103, 111-119.	4.6	26
136	Gene Electrotransfer of Canine Interleukin 12 into Canine Melanoma Cell Lines. Journal of Membrane Biology, 2015, 248, 909-917.	2.1	14
137	Improved Specificity of Gene Electrotransfer to Skin Using pDNA Under the Control of Collagen Tissue-Specific Promoter. Journal of Membrane Biology, 2015, 248, 919-928.	2.1	20
138	Gene electrotransfer of plasmid AMEP, an integrin-targeted therapy, has antitumor and antiangiogenic action in murine B16 melanoma. Gene Therapy, 2015, 22, 578-590.	4.5	23
139	Electrochemotherapy of tumors as in situ vaccination boosted by immunogene electrotransfer. Cancer Immunology, Immunotherapy, 2015, 64, 1315-1327.	4.2	134
140	Endoglin (CD105) Silencing Mediated by shRNA Under the Control of Endothelin-1 Promoter for Targeted Gene Therapy of Melanoma. Molecular Therapy - Nucleic Acids, 2015, 4, e239.	5.1	18
141	Gene Electrotransfer of Plasmid with Tissue Specific Promoter Encoding shRNA against Endoglin Exerts Antitumor Efficacy against Murine TS/A Tumors by Vascular Targeted Effects. PLoS ONE, 2015, 10, e0124913.	2.5	18
142	Adjuvant TNF- α therapy to electrochemotherapy with intravenous cisplatin in murine sarcoma exerts synergistic antitumor effectiveness. Radiology and Oncology, 2015, 49, 32-40.	1.7	24
143	Nitroxoline impairs tumor progression in vitro and in vivo by regulating cathepsin B activity. Oncotarget, 2015, 6, 19027-19042.	1.8	64
144	Endoglin Silencing has Significant Antitumor Effect on Murine Mammary Adenocarcinoma Mediated by Vascular Targeted Effect. Current Gene Therapy, 2015, 15, 228-244.	2.0	25

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145	Mcam Silencing With RNA Interference Using Magnetofection has Antitumor Effect in Murine Melanoma. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e205.	5.1	28
146	Electrochemotherapy with intravenous bleomycin injection: an observational study in superficial squamous cell carcinoma in cats. <i>Journal of Feline Medicine and Surgery</i> , 2014, 16, 291-299.	1.6	55
147	Electrochemotherapy: from the drawing board into medical practice. <i>BioMedical Engineering OnLine</i> , 2014, 13, 29.	2.7	284
148	Changing electrode orientation, but not pulse polarity, increases the efficacy of gene electrotransfer to tumors in vivo. <i>Bioelectrochemistry</i> , 2014, 100, 119-127.	4.6	15
149	Electrochemotherapy in non-melanoma head and neck cancers: a retrospective analysis of the treated cases. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2014, 52, 957-964.	0.8	50
150	Electroporation-Based Technologies for Medicine: Principles, Applications, and Challenges. <i>Annual Review of Biomedical Engineering</i> , 2014, 16, 295-320.	12.3	655
151	Schedule-dependent interaction between vinblastine and irradiation in experimental sarcoma. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 661-666.	2.0	0
152	Intraoperative electrochemotherapy of colorectal liver metastases. <i>Journal of Surgical Oncology</i> , 2014, 110, 320-327.	1.7	155
153	Modulation of Activity of Known Cytotoxic Ruthenium(III) Compound (KP418) with Hampered Transmembrane Transport in Electrochemotherapy In Vitro and In Vivo. <i>Journal of Membrane Biology</i> , 2014, 247, 1239-1251.	2.1	12
154	A cell-based biosensor system HepG2CDKN1A Δ “DsRed for rapid and simple detection of genotoxic agents. <i>Biosensors and Bioelectronics</i> , 2014, 61, 102-111.	10.1	14
155	Planning of Electroporation-Based Treatments Using Web-Based Treatment-Planning Software. <i>Journal of Membrane Biology</i> , 2013, 246, 833-842.	2.1	36
156	Biological Properties of Melanoma and Endothelial Cells after Plasmid AMEP Gene Electrotransfer Depend on Integrin Quantity on Cells. <i>Journal of Membrane Biology</i> , 2013, 246, 803-819.	2.1	17
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