

# Robert Salat

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

475  
citations

759055

12  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

528  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Accurate Fault Location in the Power Transmission Line Using Support Vector Machine Approach. IEEE Transactions on Power Systems, 2004, 19, 979-986.                                                                                                   | 4.6 | 148       |
| 2  | Antiallodynic and antihyperalgesic activity of 3-[4-(3-trifluoromethyl-phenyl)-piperazin-1-yl]-dihydrofuran-2-one compared to pregabalin in chemotherapy-induced neuropathic pain in mice. Pharmacology Biochemistry and Behavior, 2014, 122, 173-181. | 1.3 | 55        |
| 3  | The effect of GABA transporter 1 (GAT1) inhibitor, tiagabine, on scopolamine-induced memory impairments in mice. Pharmacological Reports, 2015, 67, 1155-1162.                                                                                         | 1.5 | 37        |
| 4  | Analgesic, anticonvulsant and antioxidant activities of 3-[4-(3-trifluoromethyl-phenyl)-piperazin-1-yl]-dihydrofuran-2-one dihydrochloride in mice. Pharmacology Biochemistry and Behavior, 2012, 101, 138-147.                                        | 1.3 | 29        |
| 5  | Evaluation of cebranopadol, a dually acting nociceptin/orphanin FQ and opioid receptor agonist in mouse models of acute, tonic, and chemotherapy-induced neuropathic pain. Inflammopharmacology, 2018, 26, 361-374.                                    | 1.9 | 25        |
| 6  | The application of support vector regression for prediction of the antiallodynic effect of drug combinations in the mouse model of streptozocin-induced diabetic neuropathy. Computer Methods and Programs in Biomedicine, 2013, 111, 330-337.         | 2.6 | 22        |
| 7  | Support Vector Machine for soft fault location in electrical circuits. Journal of Intelligent and Fuzzy Systems, 2011, 22, 21-31.                                                                                                                      | 0.8 | 20        |
| 8  | Estimation of tensile strength of ductile iron friction welded joints using hybrid intelligent methods. Transactions of Nonferrous Metals Society of China, 2013, 23, 385-391.                                                                         | 1.7 | 20        |
| 9  | Time-shifted co-administration of sub-analgesic doses of ambroxol and pregabalin attenuates oxaliplatin-induced cold allodynia in mice. Biomedicine and Pharmacotherapy, 2018, 106, 930-940.                                                           | 2.5 | 19        |
| 10 | Analgesic and anticonvulsant activity of new derivatives of 2-substituted 4-hydroxybutanamides in mice. Pharmacological Reports, 2012, 64, 102-112.                                                                                                    | 1.5 | 15        |
| 11 | Black box modeling of PIDs implemented in PLCs without structural information: a support vector regression approach. Neural Computing and Applications, 2015, 26, 723-734.                                                                             | 3.2 | 14        |
| 12 | Interventional and preventive effects of aripiprazole and ceftriaxone used alone or in combination on oxaliplatin-induced tactile and cold allodynia in mice. Biomedicine and Pharmacotherapy, 2019, 111, 882-890.                                     | 2.5 | 14        |
| 13 | The Microglial Activation Inhibitor Minocycline, Used Alone and in Combination with Duloxetine, Attenuates Pain Caused by Oxaliplatin in Mice. Molecules, 2021, 26, 3577.                                                                              | 1.7 | 12        |
| 14 | Acute cold allodynia induced by oxaliplatin is attenuated by amitriptyline. Acta Neurobiologiae Experimentalis, 2018, 78, 315-321.                                                                                                                     | 0.4 | 10        |
| 15 | Black-box identification of a pilot-scale dryer model: A Support Vector Regression and an Imperialist Competitive Algorithm approach. IFAC-PapersOnLine, 2017, 50, 1559-1564.                                                                          | 0.5 | 9         |
| 16 | New approach to predicting proconvulsant activity with the use of Support Vector Regression. Computers in Biology and Medicine, 2012, 42, 575-581.                                                                                                     | 3.9 | 7         |
| 17 | Modeling analgesic drug interactions using support vector regression: A new approach to isobolographic analysis. Journal of Pharmacological and Toxicological Methods, 2015, 71, 95-102.                                                               | 0.3 | 7         |
| 18 | Fault location in transmission line using hybrid neural network. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2002, 21, 18-30.                                                         | 0.5 | 6         |

| #  | ARTICLE                                                                                                                                                          | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Acute cold allodynia induced by oxaliplatin is attenuated by amitriptyline. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 315-321.                       | 0.4 | 3         |
| 20 | Wide-Range Measurement of Thermal Preferenceâ€”A Novel Method for Detecting Analgesics Reducing Thermally-Evoked Pain in Mice. <i>Molecules</i> , 2021, 26, 612. | 1.7 | 2         |
| 21 | Impact of feature selection on system identification by means of NARX-SVM. <i>MATEC Web of Conferences</i> , 2019, 252, 03012.                                   | 0.1 | 1         |