

Philipp Lirk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2063049/publications.pdf>

Version: 2024-02-01

63
papers

2,241
citations

218381

26
h-index

233125

45
g-index

64
all docs

64
docs citations

64
times ranked

1827
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of action of systemic lidocaine in acute and chronic pain: a narrative review. <i>British Journal of Anaesthesia</i> , 2019, 123, 335-349.	1.5	157
2	Local Anesthetic-Induced Neurotoxicity. <i>International Journal of Molecular Sciences</i> , 2016, 17, 339.	1.8	148
3	Lidocaine time- and dose-dependently demethylates deoxyribonucleic acid in breast cancer cell lines in vitro. <i>British Journal of Anaesthesia</i> , 2012, 109, 200-207.	1.5	111
4	PROSPECT guideline for total hip arthroplasty: a systematic review and procedure-specific postoperative pain management recommendations. <i>Anaesthesia</i> , 2021, 76, 1082-1097.	1.8	111
5	Evidence-based management of pain after laparoscopic cholecystectomy: a PROSPECT review update. <i>British Journal of Anaesthesia</i> , 2018, 121, 787-803.	1.5	110
6	Local anaesthetics. <i>European Journal of Anaesthesiology</i> , 2014, 31, 575-585.	0.7	101
7	Development of evidence-based recommendations for procedure-specific pain management: PROSPECT methodology. <i>Anaesthesia</i> , 2019, 74, 1298-1304.	1.8	86
8	The Science of Local Anesthesia: Basic Research, Clinical Application, and Future Directions. <i>Anesthesia and Analgesia</i> , 2018, 126, 1381-1392.	1.1	83
9	Guidelines for perioperative pain management: need for re-evaluation. <i>British Journal of Anaesthesia</i> , 2017, 119, 720-722.	1.5	75
10	In Vitro, Inhibition of Mitogen-Activated Protein Kinase Pathways Protects Against Bupivacaine- and Ropivacaine-Induced Neurotoxicity. <i>Anesthesia and Analgesia</i> , 2008, 106, 1456-1464.	1.1	72
11	Mechanisms of action of fascial plane blocks: a narrative review. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 618-628.	1.1	71
12	Lidocaine and ropivacaine, but not bupivacaine, demethylate deoxyribonucleic acid in breast cancer cells in vitro. <i>British Journal of Anaesthesia</i> , 2014, 113, i32-i38.	1.5	63
13	Mitigation of Direct Neurotoxic Effects of Lidocaine and Amitriptyline by Inhibition of p38 Mitogen-activated Protein Kinase In Vitro and In Vivo. <i>Anesthesiology</i> , 2006, 104, 1266-1273.	1.3	62
14	Risk of Major Complications After Perioperative Norepinephrine Infusion Through Peripheral Intravenous Lines in a Multicenter Study. <i>Anesthesia and Analgesia</i> , 2020, 131, 1060-1065.	1.1	58
15	Incidence of lower thoracic ligamentum flavum midline gaps – Presented in abstract form at the IARS 78th Clinical and Scientific Congress, Tampa Bay, Florida, USA, 2004.. <i>British Journal of Anaesthesia</i> , 2005, 94, 852-855.	1.5	57
16	Preperitoneal or Subcutaneous Wound Catheters as Alternative for Epidural Analgesia in Abdominal Surgery. <i>Annals of Surgery</i> , 2019, 269, 252-260.	2.1	54
17	Regional Anesthesia in Patients With Preexisting Neuropathy. <i>International Anesthesiology Clinics</i> , 2011, 49, 144-165.	0.3	49
18	Pain management after laparoscopic hysterectomy: systematic review of literature and PROSPECT recommendations. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 425-436.	1.1	48

#	ARTICLE	IF	CITATIONS
19	Neurotoxicity of Lidocaine Involves Specific Activation of the p38 Mitogen-activated Protein Kinase, but Not Extracellular Signal-regulated or c-jun N-Terminal Kinases, and Is Mediated by Arachidonic Acid Metabolites. <i>Anesthesiology</i> , 2006, 105, 1024-1033.	1.3	47
20	Guidance of Block Needle Insertion by Electrical Nerve Stimulation. <i>Anesthesiology</i> , 2008, 109, 473-478.	1.3	47
21	Haematoma and abscess after neuraxial anaesthesia: a review of 647 cases. <i>British Journal of Anaesthesia</i> , 2018, 120, 693-704.	1.5	44
22	Epigenetics in the perioperative period. <i>British Journal of Pharmacology</i> , 2015, 172, 2748-2755.	2.7	43
23	Continuous wound infiltration versus epidural analgesia after hepato-pancreato-biliary surgery (POP-UP): a randomised controlled, open-label, non-inferiority trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2016, 1, 105-113.	3.7	43
24	The Neurotoxic Effects of Amitriptyline Are Mediated by Apoptosis and are Effectively Blocked by Inhibition of Caspase Activity. <i>Anesthesia and Analgesia</i> , 2006, 102, 1728-1733.	1.1	38
25	Optimal postoperative pain management: redefining the role for opioids. <i>Lancet, The</i> , 2019, 393, 1483-1485.	6.3	36
26	Opioid-free anaesthesia. <i>European Journal of Anaesthesiology</i> , 2019, 36, 250-254.	0.7	35
27	Effects of early and late diabetic neuropathy on sciatic nerve block duration and neurotoxicity in Zucker diabetic fatty rats. <i>British Journal of Anaesthesia</i> , 2015, 114, 319-326.	1.5	28
28	In Zucker Diabetic Fatty Rats, Subclinical Diabetic Neuropathy Increases In Vivo Lidocaine Block Duration But Not In Vitro Neurotoxicity. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 601-606.	1.1	26
29	In Vitro, Lidocaine-Induced Axonal Injury Is Prevented by Peripheral Inhibition of the p38 Mitogen-Activated Protein Kinase, but Not by Inhibiting Caspase Activity. <i>Anesthesia and Analgesia</i> , 2007, 105, 1657-1664.	1.1	23
30	Emergency Department Pain Management in Adult Patients With Traumatic Injuries Before and After Implementation of a Nurse-Initiated Pain Treatment Protocol Utilizing Fentanyl for Severe Pain. <i>Journal of Emergency Medicine</i> , 2017, 52, 417-425.	0.3	23
31	Acetaminophen or Nonsteroidal Anti-Inflammatory Drugs in Acute Musculoskeletal Trauma: A Multicenter, Double-Blind, Randomized, Clinical Trial. <i>Annals of Emergency Medicine</i> , 2018, 71, 357-368.e8.	0.3	22
32	Procedure-specific acute pain trajectory after elective total hip arthroplasty: systematic review and data synthesis. <i>British Journal of Anaesthesia</i> , 2021, 127, 110-132.	1.5	21
33	Unintentional arterial puncture during cephalic vein cannulation: case report and anatomical study. <i>British Journal of Anaesthesia</i> , 2004, 92, 740-742.	1.5	20
34	Benefit of regional anaesthesia on postoperative pain following mastectomy: the influence of catastrophising. <i>British Journal of Anaesthesia</i> , 2019, 123, e293-e302.	1.5	19
35	Regional anesthesia in diabetic peripheral neuropathy. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 627-631.	0.9	16
36	Low-Dose Ketamine for Acute Pain Management. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 453-455.	1.1	15

#	ARTICLE	IF	CITATIONS
37	Neurophysiological effects of needle trauma and intraneural injection in a porcine model: a pilot study. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 393-399.	0.7	14
38	Pharmacodynamics and Pharmacokinetics of Lidocaine in a Rodent Model of Diabetic Neuropathy. <i>Anesthesiology</i> , 2018, 128, 609-619.	1.3	14
39	Reducing the risk of neurological complications after peripheral nerve block: what is the role of pressure monitoring?. <i>Anaesthesia</i> , 2019, 74, 9-12.	1.8	14
40	Regional anaesthesia, diabetic neuropathy, and dexmedetomidine: a neurotoxic combination?. <i>British Journal of Anaesthesia</i> , 2019, 122, 16-18.	1.5	12
41	Management of the patient with diabetic peripheral neuropathy presenting for peripheral regional anesthesia: a European survey and review of literature. <i>Minerva Anestesiologica</i> , 2013, 79, 1039-48.	0.6	12
42	Pulmonary effects of bupivacaine, ropivacaine, and levobupivacaine in parturients undergoing spinal anaesthesia for elective caesarean delivery: A randomised controlled study. <i>International Journal of Obstetric Anesthesia</i> , 2010, 19, 287-292.	0.2	10
43	Continuous wound infiltration or epidural analgesia for pain prevention after hepato-pancreato-biliary surgery within an enhanced recovery program (POP-UP trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 562.	0.7	9
44	Trends in practice and safety measures of epidural analgesia: Report of a national survey. <i>Acta Anaesthesiologica Scandinavica</i> , 2018, 62, 1466-1472.	0.7	9
45	Outcome after regional anesthesia: weighing risks and benefits. <i>Minerva Anestesiologica</i> , 2014, 80, 610-8.	0.6	9
46	Diabetic neuropathy increases stimulation threshold during popliteal sciatic nerve block. <i>British Journal of Anaesthesia</i> , 2016, 116, 538-545.	1.5	8
47	Paravertebral Blocks for Same-Day Breast Surgery. <i>Current Pain and Headache Reports</i> , 2017, 21, 35.	1.3	8
48	Paracetamol versus other analgesia in adult patients with minor musculoskeletal injuries: a systematic review. <i>Emergency Medicine Journal</i> , 2019, 36, 493-500.	0.4	8
49	Intracranial hematoma and abscess after neuraxial analgesia and anesthesia: a review of the literature describing 297 cases. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 337-343.	1.1	7
50	Regional anaesthesia in patients with diabetes. <i>Anaesthesia</i> , 2021, 76, 127-135.	1.8	6
51	Face and construct validity of TU-Delft epidural simulator and the value of real-time visualization. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 298-302.	1.1	5
52	Comparison of perioperative glucose regulation in patients with type 1 vs type 2 diabetes mellitus: A retrospective cross-sectional study. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 314-321.	0.7	5
53	Long-term outcome in pediatric surgical bypass grafting after traumatic injury and tumor resection: retrospective cohort analysis. <i>Scientific Reports</i> , 2021, 11, 16321.	1.6	5
54	Haematoma, abscess or meningitis after neuraxial anaesthesia in the USA and the Netherlands. <i>European Journal of Anaesthesiology</i> , 2020, 37, 743-751.	0.7	4

#	ARTICLE	IF	CITATIONS
55	Future in regional anesthesia and pain medicine: the pharmacological view. <i>Minerva Anestesiologica</i> , 2021, 87, 351-357.	0.6	4
56	Minimum local anesthetic volumes for a selective saphenous nerve block: a dose-finding study. <i>Minerva Anestesiologica</i> , 2017, 83, 183-190.	0.6	3
57	Anesthesia with topical lidocaine hydrochloride gauzes in acute traumatic wounds in triage, a pilot study. <i>International Emergency Nursing</i> , 2016, 28, 25-28.	0.6	2
58	Ondansetron: a new therapeutic option to attenuate postoperative cognitive dysfunction and delirium?. <i>Minerva Anestesiologica</i> , 2014, 80, 407-9.	0.6	2
59	Influence on number of top-ups after implementing patient controlled epidural analgesia: A cohort study. <i>PLoS ONE</i> , 2017, 12, e0186225.	1.1	1
60	The relationship between patient factors and the refusal of analgesics in adult Emergency Department patients with extremity injuries, a case-control study. <i>Scandinavian Journal of Pain</i> , 2019, 20, 87-94.	0.5	1
61	Using ultrasound for nerve blocks and neuraxial anaesthesia. <i>European Journal of Anaesthesiology</i> , 2021, 38, 215-218.	0.7	1
62	In Response. <i>Anesthesia and Analgesia</i> , 2021, 132, e81-e82.	1.1	0
63	Serum levels of bupivacaine after pre-peritoneal bolus vs. epidural bolus injection for analgesia in abdominal surgery: A safety study within a randomized controlled trial. <i>PLoS ONE</i> , 2017, 12, e0178917.	1.1	0